

# BAT5 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13055

## Product Information

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Application       | WB                                                                |
| Primary Accession | <a href="#">O95870</a>                                            |
| Other Accession   | <a href="#">NM_021160</a> , <a href="#">NP_066983</a>             |
| Reactivity        | Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine |
| Predicted         | Human, Pig, Bovine                                                |
| Host              | Rabbit                                                            |
| Clonality         | Polyclonal                                                        |
| Calculated MW     | 63243                                                             |

## Additional Information

|                          |                                                                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID                  | 7920                                                                                                                                                                                          |
| Alias Symbol             | D6S82E, NG26, BAT5, PP199                                                                                                                                                                     |
| Other Names              | Abhydrolase domain-containing protein 16A, 3.-.-., HLA-B-associated transcript 5, Protein G5, ABHD16A, BAT5, G5, NG26                                                                         |
| Format                   | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                             |
| Reconstitution & Storage | Add 50 ul of distilled water. Final anti-BAT5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| Precautions              | BAT5 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                           |

## Protein Information

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | ABHD16A ( <a href="#">HGNC:13921</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Function          | Phosphatidylserine (PS) lipase that mediates the hydrolysis of phosphatidylserine to generate lysophosphatidylserine (LPS) (By similarity). LPS constitutes a class of signaling lipids that regulates immunological and neurological processes (By similarity). Has no activity towards diacylglycerol, triacylglycerol or lysophosphatidylserine lipase (PubMed: <a href="#">25290914</a> ). Also has monoacylglycerol lipase activity, with preference for 1-(9Z,12Z-octadecadienoyl)-glycerol (1-LG) and 2-glyceryl-15-deoxy-Delta(12,14)-prostaglandin J2 (15d-PGJ(2)-G) (PubMed: <a href="#">25290914</a> ). |
| Cellular Location | Membrane {ECO:0000250 UniProtKB:Q9Z1Q2}; Multi- pass membrane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## References

---

Wan D.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Xie T.,et al.Genome Res. 13:2621-2636(2003).  
Shiina S.,et al.Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.  
Mungall A.J.,et al.Nature 425:805-811(2003).

## Images

---



WB Suggested Anti-BAT5 Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:312500  
Positive Control: HepG2 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.