

# CPPED1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14803

## Product Information

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|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">Q9BRF8</a>                                |
| Other Accession   | <a href="#">NM_018340</a> , <a href="#">NP_060810</a> |
| Reactivity        | Human                                                 |
| Predicted         | Human                                                 |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 35548                                                 |

## Additional Information

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID                  | 55313                                                                                                                                                                                           |
| Alias Symbol             | CSTP1, FLJ11151                                                                                                                                                                                 |
| Other Names              | Serine/threonine-protein phosphatase CPPED1, 3.1.3.16, Calcineurin-like phosphoesterase domain-containing protein 1, Complete S-transactivated protein 1, CPPED1, CSTP1                         |
| 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-CPPED1 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              | CPPED1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                           |

## Protein Information

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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | CPPED1                                                                                                                                                                                                            |
| Synonyms          | CSTP1                                                                                                                                                                                                             |
| Function          | Protein phosphatase that dephosphorylates AKT family kinase specifically at 'Ser-473', blocking cell cycle progression and promoting cell apoptosis. May play an inhibitory role in glucose uptake by adipocytes. |
| Cellular Location | Cytoplasm.                                                                                                                                                                                                        |
| Tissue Location   | Expressed in subcutaneous adipose tissue.                                                                                                                                                                         |

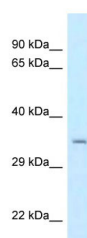
## References

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Bai G.-Q.,et al.World J. Gastroenterol. 11:3893-3898(2005).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Martin J.,et al.Nature 432:988-994(2004).  
Vaittinen M.,et al.Diabetes 62:3747-3750(2013).

## Images

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WB Suggested Anti-CPPED1 Antibody Titration: 1.0 µg/ml  
Positive Control: Hela Whole Cell

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