

AMBP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant AMBP.

Catalog # AT1129a

Product Information

Application	WB, IHC, IF, E
Primary Accession	P02760
Other Accession	BC041593
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3F1
Calculated MW	38999

Additional Information

Gene ID	259
Other Names	Protein AMBP, Alpha-1-microglobulin, Protein HC, Alpha-1 microglycoprotein, Complex-forming glycoprotein heterogeneous in charge, Inter-alpha-trypsin inhibitor light chain, ITI-LC, Bikunin, EDC1, HI-30, Uronic-acid-rich protein, Trypstatin, AMBP, HCP, ITIL
Target/Specificity	AMBP (AAH41593, 19 a.a. ~ 352 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	AMBP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

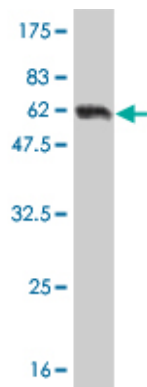
Background

This gene encodes a complex glycoprotein secreted in plasma. The precursor is proteolytically processed into distinct functioning proteins: alpha-1-microglobulin, which belongs to the superfamily of lipocalin transport proteins and may play a role in the regulation of inflammatory processes, and bikunin, which is a urinary trypsin inhibitor belonging to the superfamily of Kunitz-type protease inhibitors and plays an important role in many physiological and pathological processes. This gene is located on chromosome 9 in a cluster of lipocalin genes.

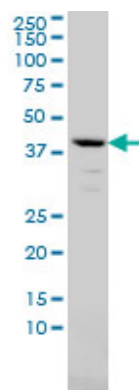
References

1. Differential proteomics analysis of amniotic fluid in pregnancies of increased nuchal translucency with normal karyotype. Cheng PJ, Wang TH, Huang SY, Kao CC, Lu JH, Hsiao CH, Steven Shaw SW. Prenat Diagn. 2011 Feb 10. doi: 10.1002 /pd.2719. [Epub ahead of print]

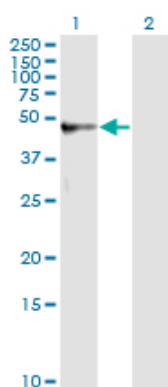
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (62.48 KDa) .

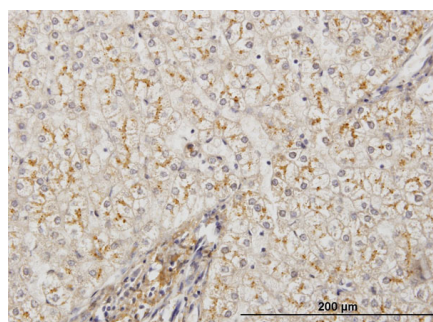


AMBP monoclonal antibody (M01), clone 3F1 Western Blot analysis of AMBP expression in A-549 ((Cat # AT1129a)

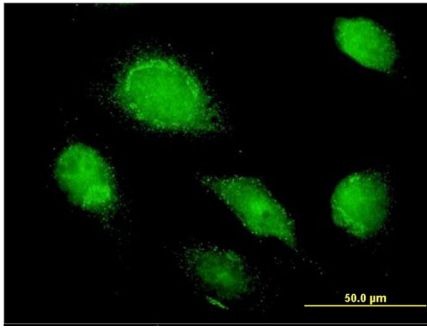


Western Blot analysis of AMBP expression in transfected 293T cell line by AMBP monoclonal antibody (M01), clone 3F1.

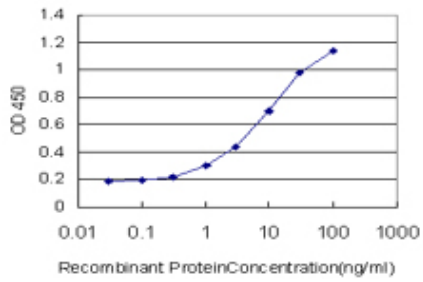
Lane 1: AMBP transfected lysate(39 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to AMBP on formalin-fixed paraffin-embedded human liver. [antibody concentration 1 ug/ml]



Immunofluorescence of monoclonal antibody to AMBP on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged AMBP is approximately 1ng/ml as a capture antibody.

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