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anti-AMBP antibody

3 Images



Overview

Quantity:	100 μL
Target:	AMBP
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Alpha 1 Microglobulin. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to Alpha 1 Microglobulin (protein AMBP) Alpha 1 Microglobulin antibody
Purification:	Purified by antigen-affinity chromatography.

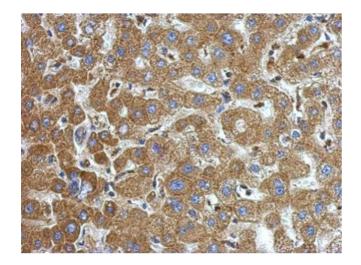
Target Details

Target:	AMBP
Alternative Name:	alpha-1-microglobulin/bikunin precursor (AMBP Products)

Target Details

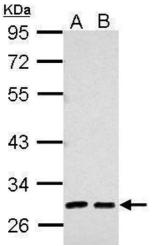
rarget Details	
Background:	This gene encodes a complex glycoprotein secreted in plasma. The precursor is proteolytically processed into distinct functioning proteins: alpha-1-microglobulin, which belongs to the superfamily of lipocalin transport proteins and may play a role in the regulation of inflammator 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. Cellular Localization: Secreted
Molecular Weight:	39 kDa
Gene ID:	259
UniProt:	P02760
Application Details	
Application Notes:	WB: 1:500-1:100000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HepG2 conditioned medium , human plasma Validation: Orthogonal
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.



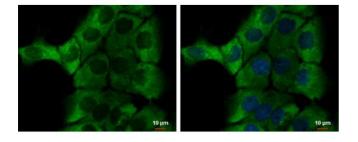
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human hepatoma, using alpha-1-Microglobulin, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: 293T B: A431 10% SDS PAGE antibody diluted at 1:5000



Immunofluorescence

Image 3. ICC/IF Image alpha-1-Microglobulin antibody detects alpha-1-Microglobulin protein at cytoplasm by immunofluorescent analysis. Sample: A431 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: alpha-1-Microglobulin protein stained by alpha-1-Microglobulin antibody , diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 μ m.