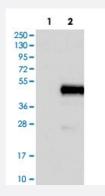


AMBP polyclonal antibody

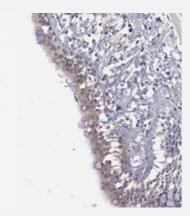
Catalog # PAB28444 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with AMBP polyclonal antibody (Cat # PAB28444).



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections)

Immunohistochemical staining of human bronchus with AMBP polyclonal antibody (Cat # PAB28444) shows cytoplasmic positivity in respiratory epithelial cells.

Specification	
Product Description	Rabbit polyclonal antibody raised against recombinant AMBP.
lmmunogen	Recombinant protein corresponding to amino acids of recombinant AMBP.
Sequence	VLPQEEEGSGGGQLVTEVTKKEDSCQLGYSAGPCMGMTSRYFYNGTSMACETFQYGGCMGNG NNFVTEKECLQTCRTVAACNLPIVRGPCRAFIQLWAFDAVKGKCVLFPYGGCQGNGNKFYSEKE CRE
Host	Rabbit
Reactivity	Human



Product Information

Form	Liquid
Purification	Antigen affinity purification
Isotype	lgG
Recommend Usage	Immunohistochemistry(1:50-1:200)
	Western Blot(1:100-1:250)
	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C.
	Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul
	d be handled by trained staff only.

Applications

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Gene Info — AMBP	
Entrez GeneID	<u>259</u>
Protein Accession#	P02760
Gene Name	AMBP
Gene Alias	EDC1, HCP, Hi30, IATIL, ITI, ITIL, ITILC, UTI
Gene Description	alpha-1-microglobulin/bikunin precursor
Omim ID	<u>176870</u>
Gene Ontology	<u>Hyperlink</u>



Product Information

Gene Summary

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. [provided by RefSeq

Other Designations

OTTHUMP00000021967 |OTTHUMP00000063975| alpha-1-microglobulin/bikunin| bikunin| complex-forming glycoprotein heterogeneous in charge| growth-inhibiting protein 19 | inter-alpha-trypsin inhibitor light chain| protein HC | trypstatin| uristatin| uronic-acid-rich protei

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Kidney Calculi