

Rabbit UBAP1 Polyclonal Antibody | anti-UBAP1 antibody

UBAP1 Antibody

CATALOG # AAA322891	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

UBAP1; Polyclonal Antibody; UBAP1 Antibody; MGC8710; NAG20; Nasopharyngeal carcinoma associated gene 20 protein; UAP; UBAP 1; UBAP; Ubiquitin associated protein 1; anti-UBAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	UBAP1 antibody detects endogenous levels of UBAP1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	566
Applicable Applications for anti-UBAP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human UBAP1.
Subcellular Location	Cytoplasm; Cytosol. Endosome. Note: Predominantly cytosolic. Recruited to endosomes as part of the ESCRT-I complex.
Tissue Specificity	Ubiquitous. Highly expressed in heart, brain, placenta, lung, liver, skeletal muscle and pancreas.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (83%), Bovine (92%), Horse (100%), Sheep (100%), Rabbit (92%), Chicken (92%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of A431 cells, using UBAP1 antibody.



IHC (Immunohistochemistry)
AAA322891 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-UBAP1 antibody	Function: Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Binds to ubiquitinated cargo proteins and is required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs). Plays a role in the proteasomal degradation of ubiquitinated cell-surface proteins, such as EGFR and BST2. Subunit Structure: Component of an ESCRT-I complex (endosomal sorting complex required for transport I) which consists of TSG101, VPS28, VPS37A and UBAP1 in a 1:1:1:1 stoichiometry. Can be a component of ESCRT-I complexes containing VPS37B, VPS37C and VPS37D (in vitro) (PubMed:22405001), but may have a preference for the ESCRT-I complex containing VPS37A (PubMed:21757351). Interacts with PTPN23. Interacts (via UBA domains) with ubiquitinated proteins. Similarity: The UMA domain mediates association with the ESCRT-I complex.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	283945558
NCBI GeneID	51271
NCBI Accession #	NP_001164672.1
NCBI GenBank Nucleotide #	NM_001171201.1
UniProt Accession #	Q9NZ09; Q4V759; Q53FP7; Q5T7B3; Q6FI75; Q8NC52; Q8NCG6; B7Z348; B7Z8N9; D3DRL7; F5GXE2; F5H0J8
Molecular Weight	Observed: 55 kDa Predicted: 56 kDa
NCBI Official Full Name	ubiquitin-associated protein 1 isoform 2
NCBI Official Synonym Full Names	ubiquitin associated protein 1
NCBI Official Symbol	UBAP1
NCBI Official Synonym Symbols	UAP; UBAP; NAG20; UBAP-1
NCBI Protein Information	ubiquitin-associated protein 1
UniProt Protein Name	Ubiquitin-associated protein 1
UniProt Gene Name	UBAP1
UniProt Synonym Gene Names	UBAP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ubap1-antibody-immunohistochemistry-western-blot-elisa/322891>