

Mouse UBA2 Monoclonal Antibody | anti-UBA2 antibody

UBA2 antibody

CATALOG # AAA107285	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

UBA2; Monoclonal Antibody; UBA2 antibody; Monoclonal UBA2; Anti-UBA2; alpha Tubulin 3C; bA408E5.3; TUBA3C; UBA 2; UBA-2; anti-UBA2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4A3
Purity/Purification	UBA2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	640
Applicable Applications for anti-UBA2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain. Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes.
Cross-Reactivity	Human, Dog, Rat, Monkey
Immunogen	UBA2 antibody was raised in mouse using a full length recombinant protein of human UBA2 (NP_005490) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of UBA2 protein in paraffin embedded Human prostate tissue using UBA2 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant UBA2 protein (Right) or empty vector (Left) detected with UBA2 antibody



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant UBA2 protein using UBA2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-UBA2 antibody	Mouse monoclonal UBA2 antibody
Product Categories/Family for anti-UBA2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885649
NCBI GeneID	10054
NCBI Accession #	NP_005490
NCBI GenBank Nucleotide #	NM_005499.2
UniProt Accession #	Q9UBT2; O95605; Q59H87; Q6IBP6; Q9NTJ1; Q9UED2; B3KWB9
Molecular Weight	60,839 Da
NCBI Official Full Name	SUMO-activating enzyme subunit 2
NCBI Official Synonym Full Names	ubiquitin-like modifier activating enzyme 2
NCBI Official Symbol	UBA2
NCBI Official Synonym Symbols	ARX; SAE2; HRIHFB2115
NCBI Protein Information	SUMO-activating enzyme subunit 2
UniProt Protein Name	SUMO-activating enzyme subunit 2
UniProt Gene Name	UBA2
UniProt Synonym Gene Names	SAE2; UBLE1B
UniProt Entry Name	SAE2_HUMAN

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/monoclonal/uba2-antibody-clone-4a3-western-blot-immunohistochemistry-immunofluorescence-elisa/107285>