

Mouse UBL4A Monoclonal Antibody | anti-UBL4A antibody

UBL4A antibody

CATALOG # AAA106760	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

UBL4A; Monoclonal Antibody; UBL4A antibody; Monoclonal UBL4A; Anti-UBL4A; Ubiquitin-like 4A; GDX; DXS254E; UBL4; GET5; MDY2; TMA24; UBLA 4; UBLA-4; anti-UBL4A antibody

PRODUCT SPECIFICATIONS

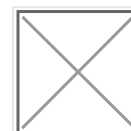
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2D7
Purity/Purification	UBL4A antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	157
Applicable Applications for anti-UBL4A antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	UBL4A is a component of the BAT3 complex, a multiprotein complex involved in the post-translational delivery of tail-anchored (TA) membrane proteins to the endoplasmic reticulum membrane. TA membrane proteins, also named type II transmembrane proteins, contain a single C-terminal transmembrane region. The complex acts by facilitating TA proteins capture by ASNA1/TRC40: it is recruited to ribosomes synthesizing membrane proteins, interacts with the transmembrane region of newly released TA proteins, and transfers them to ASNA1/TRC40 for targeting.
Cross-Reactivity	Human
Immunogen	UBL4A antibody was raised in mouse using a full length recombinant protein of human UBL4A (NP_055050) produced in E Coli 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



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant UBL4A protein (Right) or empty vector (Left) detected with UBL4A antibody



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant UBL4A protein using UBL4A antibody

ADDITIONAL INFORMATION

Related Product Information for anti-UBL4A antibody	Mouse monoclonal UBL4A antibody
Product Categories/Family for anti-UBL4A antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657667
NCBI GeneID	8266
NCBI Accession #	NP_055050
NCBI GenBank Nucleotide #	NM_014235.3
UniProt Accession #	P11441; Q5HY80
Molecular Weight	17,777 Da
NCBI Official Full Name	ubiquitin-like protein 4A
NCBI Official Synonym Full Names	ubiquitin-like 4A
NCBI Official Symbol	UBL4A
NCBI Official Synonym Symbols	GDX; G6PD; GET5; MDY2; UBL4; TMA24; DX254E; DXS254E
NCBI Protein Information	ubiquitin-like protein 4A
UniProt Protein Name	Ubiquitin-like protein 4A
UniProt Gene Name	UBL4A
UniProt Synonym Gene Names	DXS254E; GDX; UBL4
UniProt Entry Name	UBL4A_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/ubl4a-antibody-clone-2d7-western-blot-immunofluorescence-elisa/106760>