

Rabbit anti-Human UBA7 Polyclonal Antibody | anti-UBA7 antibody

UBA7 Antibody (N-term)

CATALOG # AAA288374	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

UBA7; Polyclonal Antibody; UBA7 Antibody (N-term); Ubiquitin-like modifier-activating enzyme 7; Ubiquitin-activating enzyme 7; D8; Ubiquitin-activating enzyme E1 homolog; UBE1L; UBE2; anti-UBA7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UBA7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 239-268 amino acids from the N-terminal region of human UBA7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	239-268
Sequence Length	1,012
Applicable Applications for anti-UBA7 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

UBA7 Antibody (N-term) (AAA288374) immunohistochemistry analysis in formalin fixed and paraffin embedded human esophagus carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of UBA7 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

UBA7 Antibody (N-term) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the UBA7 antibody detected the UBA7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-UBA7 antibody	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme is a retinoid target that triggers promyelocytic leukemia (PML)/retinoic acid receptor alpha (RARalpha) degradation and apoptosis in acute promyelocytic leukemia, where it is involved in the conjugation of the ubiquitin-like interferon-stimulated gene 15 protein. [provided by RefSeq].
Product Categories/Family for anti-UBA7 antibody	Cancer; Cell biology
References	Fransen, K., et al. Hum. Mol. Genet. 19(17):3482-3488(2010) Morgan, A.R., et al. Hum. Immunol. 71(6):602-609(2010) Feng, Q., et al. Mol. Cancer Ther. 7(12):3780-3788(2008) Durfee, L.A., et al. J. Biol. Chem. 283(35):23895-23902(2008) Takeuchi, T., et al. J. Biochem. 138(6):711-719(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38045948
NCBI GeneID	7318
NCBI Accession #	NP_003326.2
NCBI GenBank Nucleotide #	NM_003335.2
UniProt Accession #	P41226; Q9BRB2
Molecular Weight	111694
NCBI Official Full Name	ubiquitin-like modifier-activating enzyme 7
NCBI Official Synonym Full Names	ubiquitin-like modifier activating enzyme 7
NCBI Official Symbol	UBA7
NCBI Official Synonym Symbols	D8; UBE2; UBA1B; UBE1L
NCBI Protein Information	ubiquitin-like modifier-activating enzyme 7
UniProt Protein Name	Ubiquitin-like modifier-activating enzyme 7
UniProt Gene Name	UBA7
UniProt Synonym Gene Names	UBE1L; UBE2; Ubiquitin-activating enzyme 7
UniProt Entry Name	UBA7_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.