

Rabbit anti-Human, Mouse UBTD2 Polyclonal Antibody | anti-UBTD2 antibody

UBTD2 Polyclonal Antibody

CATALOG # AAA173300	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, ELISA
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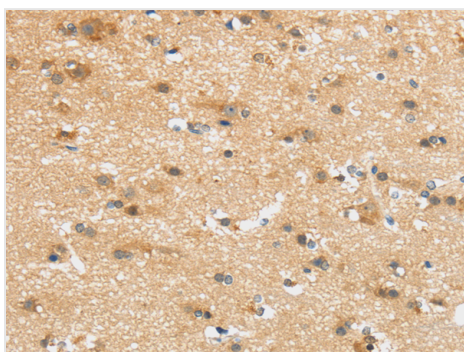
PRODUCT SYNONYMS

UBTD2; Polyclonal Antibody; UBTD2 Polyclonal Antibody; DCUBP; anti-UBTD2 antibody

PRODUCT SPECIFICATIONS

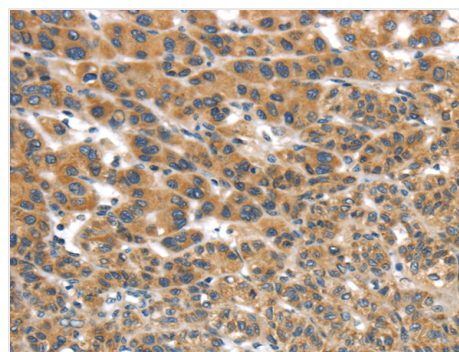
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	2.4mg/ml (varies by lot)
Sequence Length	234
Applicable Applications for anti-UBTD2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human UBTD2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-107125
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using UBTD2 Polyclonal Antibody at dilution 1:35



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using UBTD2 Polyclonal Antibody at dilution 1:35

ADDITIONAL INFORMATION

Related Product Information for anti-UBTD2 antibody	UBTD2 (ubiquitin domain containing 2), also known as DCUBP (dendritic cell-derived ubiquitin-like protein), DC-UbP or SB72, is a 234 amino acid cytoplasmic and mitochondrial ubiquitin-like (UbL) protein that contains one C-terminal UbL domain. UbL proteins are involved in a variety of cellular processes, including DNA repair, protein sorting, apoptosis, protein degradation, cell division and autophagy. Predominantly expressed in dendritic cells and detected at high levels in tumor cell lines, UBTD2 has been implicated in apoptosis, cellular differentiation and tumorigenesis. The UbL domain of UBTD2 is 55% similar and 28.6% identical to the amino acid sequence of ubiquitin, but it lacks the Gly-Gly motif that is essential for ubiquitination. As its UbL domain does not actively ubiquitinate proteins, UBTD2 is believed to function as a shuttle factor involved in the ubiquitin system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	109659841
NCBI GeneID	92181
NCBI GenBank Nucleotide #	NM_152277.2
Molecular Weight	26,190 Da
NCBI Official Full Name	ubiquitin domain-containing protein 2
NCBI Official Synonym Full Names	ubiquitin domain containing 2
NCBI Official Symbol	UBTD2
NCBI Official Synonym Symbols	DCUBP
NCBI Protein Information	ubiquitin domain-containing protein 2
UniProt Protein Name	Ubiquitin domain-containing protein 2
UniProt Gene Name	UBTD2
UniProt Synonym Gene Names	DCUBP; DC-UbP
UniProt Entry Name	UBTD2_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/polyclonal/ubtd2-antibody-immunohistochemistry-elisa/173300>