

Rabbit anti-Human, Mouse USP12 Polyclonal Antibody | anti-USP12 antibody

USP12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA310476	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

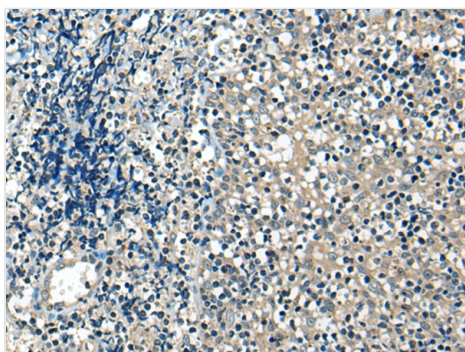
PRODUCT SYNONYMS

USP12; Polyclonal Antibody; USP12 Antibody; UBH1; USP12L1; anti-USP12 antibody

PRODUCT SPECIFICATIONS

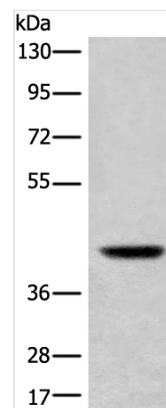
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total USP12 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.9mg/ml (varies by lot)
Sequence Length	2392
Applicable Applications for anti-USP12 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein of human USP12
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 46696(USP12 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE lysate: 40 µg, Lane: Mouse liver tissue lysate, Primary antibody: 46696(USP12 Antibody) at dilution 1/700 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 second

ADDITIONAL INFORMATION

Related Product Information for anti-USP12 antibody	The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. Through the use of a wide range of enzymes that can add or remove ubiquitin, the Ub pathway controls many intracellular processes such as signal transduction, transcriptional activation and cell cycle progression. USP12 (ubiquitin specific peptidase 12), also known as UBH1 or USP12L1, is a 370 amino acid protein belonging to the peptidase C19 family and the USP12/USP46 subfamily. Considered a deubiquitinating enzyme, it is suggested that USP12 has almost no deubiquitinating activity by itself and requires the interaction with WDR48 to have high activity. The gene encoding USP12 maps to human chromosome 13, which houses over 400 genes, such as BRCA2 and RB1, and comprises nearly 4% of the human genome.
Product Categories/Family for anti-USP12 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	19913513
NCBI GeneID	219333
UniProt Accession #	O75317; Q5VZV3; Q8TC49; A8K0X0
Molecular Weight	43 kDa
NCBI Official Full Name	Homo sapiens ubiquitin specific peptidase 12, mRNA
NCBI Official Synonym Full Names	ubiquitin specific peptidase 12
NCBI Official Symbol	USP12
NCBI Official Synonym Symbols	UBH1; USP12L1
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 12
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 12
UniProt Gene Name	USP12
UniProt Synonym Gene Names	UBH1; USP12L1

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://www.aaabiotech.com/polyclonal/usp12-antibody-immunohistochemistry-western-blot-elisa/310476>