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

USP12 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176296	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry**

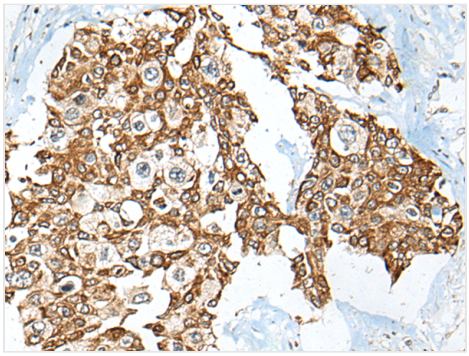
PRODUCT SYNONYMS

USP12; Polyclonal Antibody; USP12 Polyclonal Antibody; Deubiquitinating enzyme 12; OTTHUMP00000042337; UBH 1; UBH1; Ubiquitin carboxyl terminal hydrolase 12; Ubiquitin carboxyl-terminal hydrolase 12; Ubiquitin hydrolyzing enzyme 1; Ubiquitin specific peptidase 12; Ubiquitin specific processing protease 12; Ubiquitin specific protease 12 like 1; Ubiquitin thioesterase 12; Ubiquitin thiolesterase 12; Ubiquitin-hydrolyzing enzyme 1; Ubiquitin-specific-processing protease 12; UBP12; USP 12; Usp12; USP12L1; anti-USP12 antibody

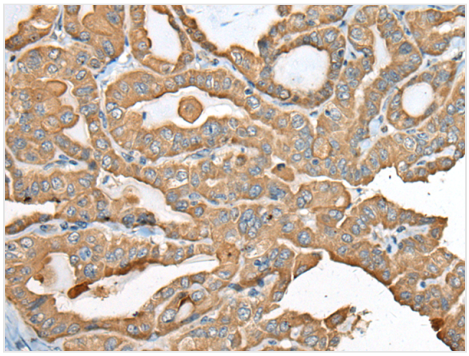
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.5mg/mL (varies by lot)
Sequence Length	370
Applicable Applications for anti-USP12 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Full length fusion protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human prost ate cancer tissue using USP12 Polyclonal Antibody at dilution of 1:35(×200



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using USP12 Polyclonal Antibody at dilution of 1:35(×200

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	Cell Biology; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	301500675
NCBI GeneID	219333
NCBI Accession #	NP_872294.2; BC026072
NCBI GenBank Nucleotide #	NP_872294.2
UniProt Accession #	O75317
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 12
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
UniProt Entry Name	UBP12_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/usp12-antibody-immunohistochemistry-elisa/176296