

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

USP12 Polyclonal Antibody

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

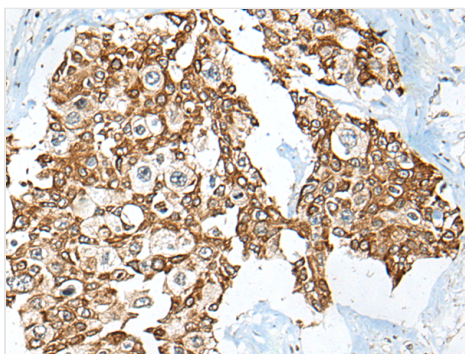
### PRODUCT SYNONYMS

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

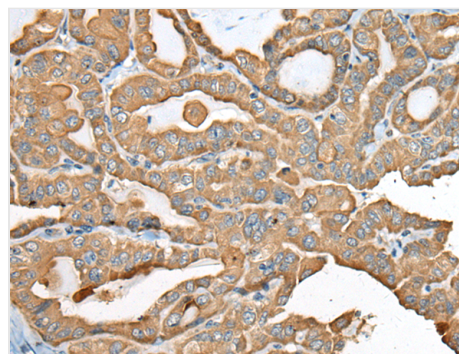
|                                                 |                                                         |
|-------------------------------------------------|---------------------------------------------------------|
| Host                                            | Rabbit                                                  |
| Reactivity                                      | Human, Mouse                                            |
| Clonality                                       | Polyclonal                                              |
| Isotype                                         | IgG                                                     |
| Purity/Purification                             | Antigen Affinity Purification                           |
| Form/Format                                     | PBS with 0.05% NaN <sub>3</sub> 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 (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using USP12 Polyclonal Antibody at dilution of 1:35 (x200)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using USP12 Polyclonal Antibody at dilution of 1:35 (x200)

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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