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Datasheet for ABIN213585

## anti-USP4 antibody (Internal Region)

### 2 Images

#### Overview

Quantity:	50 µg
Target:	USP4
Binding Specificity:	Internal Region
Reactivity:	Human, Rabbit, Dog, Pig, Horse, Cow, Monkey, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 18 amino acid peptide from internal region of human USP4. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Dog, Bat, Bovine, Elephant, Panda, Horse, Rabbit, Pig (100%), Hamster, Opossum (94%), Mouse, Rat, Turkey, Platypus (89%), Chicken, Xenopus (83%).  Type of Immunogen: Synthetic peptide
Specificity:	Human USP4. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except USP15 (67 %).
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Dog, Bat, Bovine, Elephant, Panda, Horse, Rabbit, Pig (100%) Hamster,

## Product Details

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Opossum (94%) Mouse, Rat, Turkey, Platypus (89%) Chicken, Xenopus (83%).

Purification: Immunoaffinity purified

## Target Details

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Target: USP4

Alternative Name: UNP / USP4 ([USP4 Products](#))

Background: Name/Gene ID: USP4  
Subfamily: Cysteine C19  
Family: Protease

Synonyms: USP4, Deubiquitinating enzyme 4, Unph, Ubiquitin thiolesterase 4, Ubiquitin thioesterase 4, Ubiquitin-specific protease 4, UNP

Gene ID: 7375

## Application Details

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Application Notes: Approved: IHC, IHC-P (5 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: Lot specific

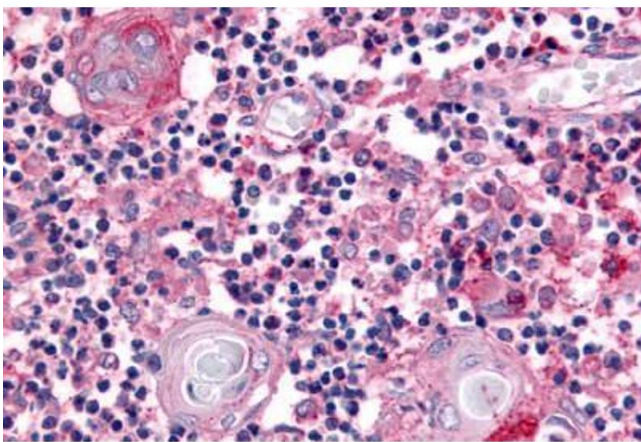
Buffer: PBS, less than 0.1 % sodium azide.

Preservative: Sodium azide

## Handling

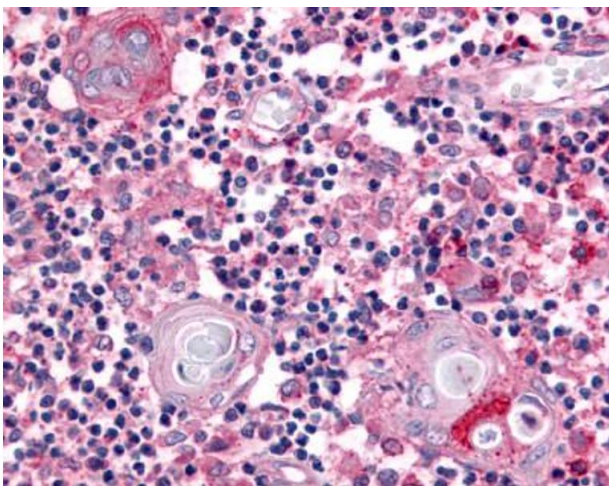
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Thymus (formalin-fixed, paraffin-embedded) stained with USP4 antibody ABIN213585 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry

**Image 2.** Anti-USP4 antibody IHC of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.