

Rabbit USP2 Polyclonal Antibody | anti-USP2 antibody

Rabbit Polyclonal to Human USP2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50951	Rabbit	Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Rabbit, Rat Predicted Reactivity: Pig (at least 90% immunogen sequence identity)	Immunohistochemistry

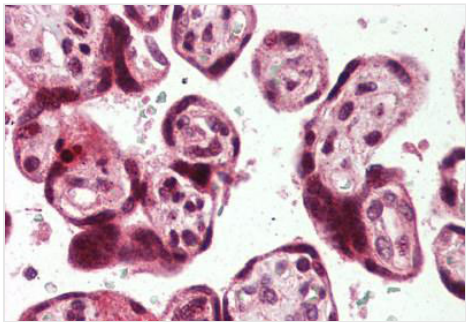
PRODUCT SYNONYMS

USP2; Polyclonal Antibody; Rabbit Polyclonal to Human USP2; Anti-USP2 Antibody (C-Terminus) IHC-plus; Deubiquitinating enzyme 2; Ubiquitin specific peptidase 2; Ubiquitin specific protease 9; USP9; Ubiquitin specific protease 12; Ubiquitin specific protease 2; Ubiquitin thioesterase 2; UBP41; Human USP2; anti-USP2 antibody

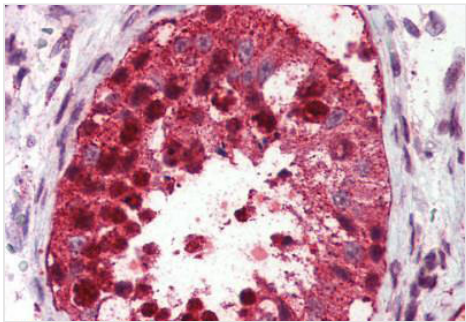
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Rabbit, Rat Predicted Reactivity: Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human USP2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	605
Applicable Applications for anti-USP2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from C-terminus of human USP2. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bovine, Hamster, Elephant, Panda, Horse, Rabbit, Opossum (100%); Pig (94%).
Immunogen Type	Synthetic peptide
Immunogen	USP2 antibody was raised against synthetic 17 amino acid peptide from C-terminus of human USP2. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bovine, Hamster, Elephant, Panda, Horse, Rabbit, Opossum (100%); Pig (94%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-USP2 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-USP2 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-USP2 antibody	UBP, an ubiquitin-specific protease, is selectively up regulated in bone by the osteotropic agents PTH, PTHrP and PGE2 and possibly via the PKA/cAMP pathway. It is also thought to play a role in the recycling of ubiquitin by hydrolysis of branched poly-ubiquitin from linear poly-ubiquitin chains, production of free ubiquitin from linear poly-ubiquitin chains and from certain ribosomal ubiquitin fusion proteins.
Product Categories/Family for anti-USP2 antibody	Family: Protease; Subfamily: Cysteine C19

NCBI AND UNIPROT INFORMATION

NCBI GI #	188528692
NCBI GeneID	9099
NCBI Accession #	NP_004196.4
NCBI GenBank Nucleotide #	NM_004205.4
UniProt Accession #	O75604; Q8IUM2; Q8IW04; Q96MB9; Q9BQ21; B0YJB8; E9PPM2
Molecular Weight	45,241 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 2 isoform a
NCBI Official Synonym Full Names	ubiquitin specific peptidase 2
NCBI Official Symbol	USP2
NCBI Official Synonym Symbols	USP9; UBP41
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 2; ubiquitin thioesterase 2; deubiquitinating enzyme 2; ubiquitin specific protease 9; ubiquitin specific protease 12; 41 kDa ubiquitin-specific protease; ubiquitin-specific-processing protease 2
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 2
UniProt Gene Name	USP2
UniProt Synonym Gene Names	UBP41
UniProt Entry Name	UBP2_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.