10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

USP25 Antibody (Internal)

Rabbit Polyclonal Antibody

Catalog # ALS17092

Specification

USP25 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	Q9UHP3
Other Accession	29761
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**122218**

USP25 Antibody (Internal) - Additional Information

Gene ID 29761

Other Names
USP25, Deubiquitinating enzyme 25, Ubiquitin thiolesterase 25, Ubiquitin thioesterase 25, USP on chromosome 21, Ubiquitin specific protease 25

Target/Specificity
USP25 antibody is human and mouse reactive. Multiple isoforms of USP25 are known to exist.

Reconstitution & Storage
PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
USP25 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

USP25 Antibody (Internal) - Protein Information

Name USP25

Synonyms USP21

Function
Deubiquitinating enzyme that hydrolyzes ubiquitin moieties conjugated to substrates and thus, functions to process newly synthesized Ubiquitin, to recycle ubiquitin molecules or to edit polyubiquitin chains and prevents proteasomal degradation of substrates. Hydrolyzes both 'Lys-48'- and 'Lys-63'-linked tetraubiquitin chains.

Cellular Location
Cytoplasm

Tissue Location

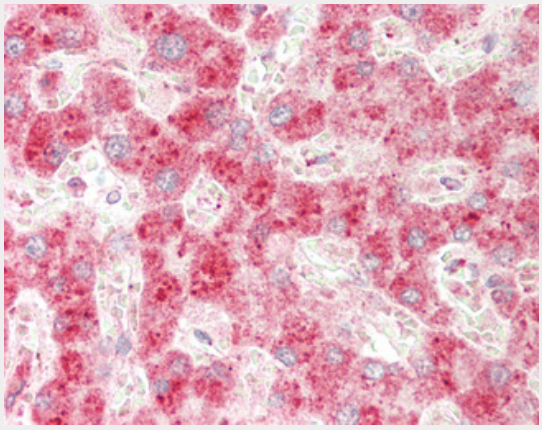
Isoform USP25a is found in most adult and fetal tissues; expression is moderately high in testis, pancreas, kidney, skeletal muscle, liver, lung, placenta, brain, heart, but very low in peripheral blood, colon, small intestine, ovary, prostate, thymus and spleen. Isoform USP25b is found in all tissues except heart and skeletal muscle. Isoform USP25m is heart and skeletal muscle specific

USP25 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

USP25 Antibody (Internal) - Images



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)

USP25 Antibody (Internal) - Background

Deubiquitinating enzyme that hydrolyzes ubiquitin moieties conjugated to substrates and thus, functions to process newly synthesized Ubiquitin, to recycle ubiquitin molecules or to edit polyubiquitin chains and prevents proteasomal degradation of substrates. Hydrolyzes both 'Lys-48'- and 'Lys-63'-linked tetraubiquitin chains.

USP25 Antibody (Internal) - References

Valero R.,et al.Genomics 62:395-405(1999).
Groet J.,et al.Genes Chromosomes Cancer 27:153-161(2000).
Valero R.,et al.Submitted (FEB-2009) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).