

UBP25 rabbit pAb

Catalog No :	YT7037
Reactivity :	Human;Mouse
Applications :	WB
Target :	UBP25
Fields :	>>IL-17 signaling pathway
Gene Name :	USP25 USP21
Protein Name :	UBP25
Human Gene Id :	29761
Human Swiss Prot No :	Q9UHP3
Mouse Gene Id :	30940
Mouse Swiss Prot No :	P57080
Immunogen :	Synthesized peptide derived from human UB25 AA range: 883-933
Specificity :	This antibody detects endogenous levels of UB25 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 116kD

Background : Ubiquitin (MIM 191339) is a highly conserved 76-amino acid protein involved in regulation of intracellular protein breakdown, cell cycle regulation, and stress response. Ubiquitin is released from degraded proteins by disassembly of the polyubiquitin chains, which is mediated by ubiquitin-specific proteases (USPs), such as USP25 (Valero et al., 1999 [PubMed 10644437]).[supplied by OMIM, Mar 2008],

Function : catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,function:Involved in the ubiquitin-dependent proteolytic pathway in conjunction with the 26S proteasome.,similarity:Belongs to the peptidase C19 family.,similarity:Contains 2 UIM (ubiquitin-interacting motif) repeats.,tissue specificity: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.,

Subcellular Location : Cytoplasm .; [Isoform USP25m]: Cytoplasm . Nucleus . Some transient punctuate nuclear location in myotubes during myocyte development. .

Expression : 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.

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