



UBP20 mouse mAb

Catalog No	YP-mAb-08631
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	USP20 KIAA1003 LSFR3A VDU2
Immunogen	Synthesized peptide derived from human UB20 AA range: 104-154
Specificity	This antibody detects endogenous levels of UB20 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	UB20;USP20 KIAA1003 LSFR3A VDU2
Observed Band	101kD
Calculated Molecular Weight	101kD
Cell Pathway	Cytoplasm, perinuclear region . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . According to PubMed:12865408, it localizes in the endoplasmic reticulum; however the relevance of such result is unclear.
Tissue Specificity	
Function	catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol., similarity:Belongs to the peptidase C19 family.,similarity:Contains 1 UB20-type zinc finger.,similarity:Contains 2 DUSP domains.,
Background	This gene encodes a ubiquitin specific processing protease that was first identified as a substrate of the VHL (von Hippel-Lindau disease) protein E3 ubiquitin ligase complex. In addition to being ubiquitinated by the VHL-E3 ligase complex, this enzyme deubiquitinates hypoxia-inducible factor (HIF)-1 alpha and thereby causes increased expression of HIF-1alpha targeted genes which play a role in angiogenesis, glucose metabolism, cell proliferation and metastasis. The enzyme encoded by this gene also regulates G-protein coupled receptor



signaling by mediating the deubiquitination of beta-2 adrenergic receptor (ADRB2). This enzyme is a ubiquitously expressed thiolester hydrolase. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jan 2013],

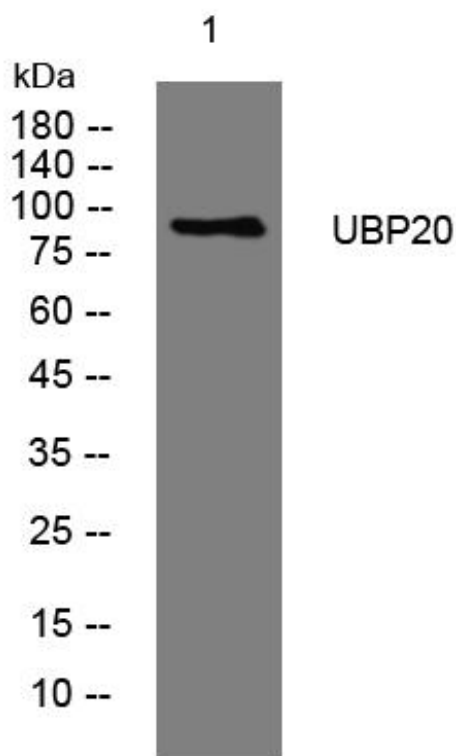
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using UBP20 mouse mAb