

UBP20 rabbit pAb

Cat No.:ES12446

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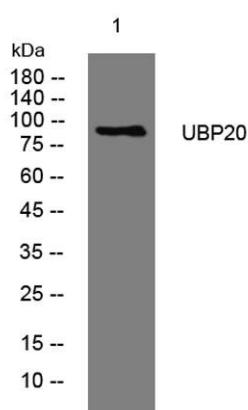
Overview

Product Name	UBP20 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1: 500-2000
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	UB20
Gene Name	USP20 KIAA1003 LSFR3A VDU2
Cellular localization	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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	10868
Human Swiss-Prot Number	Q9Y2K6
Alternative Names	
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],



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night

