

Immunotag™ USP34 Antibody

Antibody Specification	
Catalog No.	ITA9728
Product Description	Immunotag™ USP34 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	USP34
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human USP34
Specificity	USP34 Antibody detects endogenous levels of total USP34
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	USP34
Accession No.	Q70CQ2
Alternate Names	Deubiquitinating enzyme 34; FLJ43910; KIAA0570; KIAA0729; MGC104459; Ubiquitin carboxyl terminal hydrolase 34; Ubiquitin carboxyl-terminal hydrolase 34; Ubiquitin specific processing protease 34; Ubiquitin specific protease 34; Ubiquitin thioesterase 34; Ubiquitin thiolesterase 34; Ubiquitin-specific-processing protease 34; UBP34_HUMAN; USP 34; Usp34;

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Description	Ubiquitin hydrolase that can remove conjugated ubiquitin from AXIN1 and AXIN2, thereby acting as a regulator of Wnt signaling pathway. Acts as an activator of the Wnt signaling pathway downstream of the beta-catenin destruction complex by deubiquitinating and stabilizing AXIN1 and AXIN2, leading to promote nuclear accumulation of AXIN1 and AXIN2 and positively regulate beta-catenin (CTNBB1)-mediated transcription. Recognizes and hydrolyzes the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	404 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.