

USP34 Core Polyclonal Antibody

ALTERNATE NAMES:	FLJ43910, KIAA0570, KIAA0729, Ubiquitin Specific Protease 34 core domain.
CATALOG #:	6136-50
AMOUNT:	50 µg
HOST:	Chicken
ISOTYPE:	IgG
IMMUNOGEN:	Recombinant full length protein
PURIFICATION:	Purified from Egg Yolk
FORM:	Liquid
FORMULATION:	50 µg of antibody in PBS containing 10% glycerol
PREDICTED MW:	42 kDa
SPECIES REACTIVITY:	Human
STORAGE CONDITIONS:	Store at -20°C. Do not aliquot the antibody.

DESCRIPTION: USP34 Core is a ubiquitin hydrolase that can remove conjugated ubiquitin from AXIN1 and AXIN2, thereby acting as a regulator of Wnt signaling pathway. It 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. It recognizes and hydrolyzes the peptide bond at the C-terminal Gly of ubiquitin. It is involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins. Its catalytic core consists of residues 1892-2241.

SPECIFICITY: Human

APPLICATION: Western blot: Robust detection of 100 ng of recombinant protein was possible when antibody was used at a final concentration of 5 µg/mL

Note: *This information is only intended as a guide. The optimal dilutions must be determined by the user*

RELATED PRODUCTS:

- USP4 Polyclonal Antibody (**Cat. No. 6131-50**)
- USP5 Polyclonal Antibody (**Cat. No. 6132-50**)
- USP8 Polyclonal Antibody (**Cat. No. 6133-50**)
- USP14 Polyclonal Antibody (**Cat. No. 6134-50**)
- USP15 Polyclonal Antibody (**Cat. No. 6135-50**)
- UCHL3 Polyclonal Antibody (**Cat. No. 6128-50**)
- UCHL5 Polyclonal Antibody (**Cat. No. 6129-50**)
- UCHL1 Polyclonal Antibody (**Cat. No. 6130-50**)

FOR RESEARCH USE ONLY! Not to be used on humans.