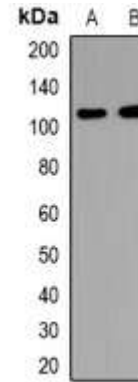


Anti-USP37 Antibody

CATALOG NO:	A1189-100
ALTERNATIVE NAMES:	KIAA1594, Ubiquitin carboxyl-terminal hydrolase 37, Deubiquitinating enzyme 37, Ubiquitin thioesterase 37, Ubiquitin-specific-processing protease 37
AMOUNT:	100 µl
IMMUNOGEN:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human USP37
HOST/ISOTYPE:	Rabbit IgG
CLONALITY:	Polyclonal
SPECIFICITY:	Recognizes endogenous levels of USP37 protein
SPECIES REACTIVITY:	Human, Mouse and Rat
PURIFICATION:	The antibody was purified by affinity chromatography
FORM:	Liquid
FORMULATION:	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	Deubiquitinase that antagonizes the anaphase-promoting complex (APC/C) during G1/S transition by mediating deubiquitination of cyclin-A (CCNA1 and CCNA2), thereby promoting S phase entry. Specifically mediates deubiquitination of 'Lys-11'-linked polyubiquitin chains, a specific ubiquitin-linkage type mediated by the APC/C complex. Also mediates deubiquitination of 'Lys-48'-linked polyubiquitin chains in vitro. Phosphorylation at Ser-628 during G1/S phase maximizes the deubiquitinase activity, leading to prevent degradation of cyclin-A (CCNA1 and CCNA2).
APPLICATION:	WB; 1:500 – 1:2000

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



Western blot analysis of USP37 expression in HeLa (A); mouse brain (B) whole cell lysates

RELATED PRODUCTS:

- USP1 Polyclonal Antibody (Cat. No. 6140-100)
- USP2 Polyclonal Antibody (Cat. No. 6141-100)
- USP3 Polyclonal Antibody (Cat. No. 6142-100)
- USP4 Polyclonal Antibody (Cat. No. 6131-50)
- USP5 Polyclonal Antibody (Cat. No. 6132-50)
- USP7 Polyclonal Antibody (Cat. No. 3747-100)
- USP8 Polyclonal Antibody (Cat. No. 6133-50)
- USP14 Polyclonal Antibody (Cat. No. 6134-50)
- USP15 Polyclonal Antibody (Cat. No. 6135-50)
- USP25 Polyclonal Antibody (Cat. No. 6143-50)

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