

KBTB6 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56551

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q86V97
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76138

Additional Information

Gene ID	89890
Other Names	Kelch repeat and BTB domain-containing protein 6, KBTBD6
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	KBTBD6 (HGNC:25340)
Function	As part of the CUL3(KBTBD6/7) E3 ubiquitin ligase complex functions as a substrate adapter for the RAC1 guanine exchange factor (GEF) TIAM1, mediating its 'Lys-48' ubiquitination and proteasomal degradation (PubMed: 25684205). By controlling this ubiquitination, regulates RAC1 signal transduction and downstream biological processes including the organization of the cytoskeleton, cell migration and cell proliferation (PubMed: 25684205). Ubiquitination of TIAM1 requires the membrane-associated protein GABARAP which may restrict locally the activity of the complex (PubMed: 25684205).
Cellular Location	Cytoplasm. Nucleus

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