

KBTBD5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56556**Specification**

KBTBD5 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q2TBA0
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69257

KBTBD5 Polyclonal Antibody - Additional Information**Gene ID** 131377**Other Names**

Kelch-like protein 40, Kelch repeat and BTB domain-containing protein 5, Sarcosynapsin {ECO:0000303|Ref.1}, KLHL40 (HGNC:30372)

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

KBTBD5 Polyclonal Antibody - Protein Information**Name** KLHL40 ([HGNC:30372](#))**Function**

Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex that acts as a key regulator of skeletal muscle development (PubMed:23746549). The BCR(KLHL40) complex acts by mediating ubiquitination and degradation of TFDP1, thereby regulating the activity of the E2F:DP transcription factor complex (By similarity). Promotes stabilization of LMOD3 by acting as a negative regulator of LMOD3 ubiquitination; the molecular process by which it negatively regulates ubiquitination of LMOD3 is however unclear (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q9D783}. Cytoplasm, myofibril, sarcomere, A band Cytoplasm, myofibril, sarcomere, I band {ECO:0000250|UniProtKB:Q9D783}

Tissue Location

Highly expressed in fetal (19, 23 and 31 weeks of gestation) and adult skeletal muscle; expression levels tend to be higher in fetal compared to postnatal muscles (at protein level). Also expressed in fetal and adult heart.

KBTBD5 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KBTBD5 Polyclonal Antibody - Images