

KLHDC3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56391**Specification**

KLHDC3 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	O9BQ90
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43088

KLHDC3 Polyclonal Antibody - Additional Information**Gene ID** 116138**Other Names**

Kelch domain-containing protein 3, Protein Peas, Testis intracellular mediator protein, KLHDC3, PEAS

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.

KLHDC3 Polyclonal Antibody - Protein Information**Name** KLHDC3 {ECO:0000303|PubMed:26138980, ECO:0000312|HGNC:HGNC:20704}**Function**

Substrate-recognition component of a Cul2-RING (CRL2) E3 ubiquitin-protein ligase complex of the DesCEND (destruction via C-end degrons) pathway, which recognizes a C-degron located at the extreme C terminus of target proteins, leading to their ubiquitination and degradation (PubMed:29779948, PubMed:29775578). The C-degron recognized by the DesCEND pathway is usually a motif of less than ten residues and can be present in full-length proteins, truncated proteins or proteolytically cleaved forms (PubMed:29779948, PubMed:29775578). The CRL2(KLHDC3) complex specifically recognizes proteins with a glycine (Gly) at the C-terminus, leading to their ubiquitination and degradation: recognizes the C-terminal -Arg-(Xaa)n-Arg-Gly, -Arg-(Xaa)n-Lys-Gly, and -Arg-(Xaa)n-Gln-Gly degrons (PubMed:29779948, PubMed:29775578). The CRL2(KLHDC3) complex mediates ubiquitination and degradation of truncated SELENOV and

SEPHS2 selenoproteins produced by failed UGA/Sec decoding, which end with a glycine (PubMed:26138980). May be involved in meiotic recombination process (PubMed:12606021).

Cellular Location

Cytoplasm.

KLHDC3 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](#)

KLHDC3 Polyclonal Antibody - Images