

DERP6 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP59320

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8TE02
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33197

Additional Information

Gene ID	23587
Other Names	Elongator complex protein 5, Dermal papilla-derived protein 6, S-phase 2 protein, ELP5 {ECO:0000303 PubMed:22854966, ECO:0000312 HGNC:HGNC:30617}
Dilution	WB=1:500-2000,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	ELP5 {ECO:0000303 PubMed:22854966, ECO:0000312 HGNC:HGNC:30617}
Function	Component of the elongator complex which is required for multiple tRNA modifications, including mcm5U (5-methoxycarbonylmethyl uridine), mcm5s2U (5-methoxycarbonylmethyl-2-thiouridine), and ncm5U (5-carbamoylmethyl uridine) (PubMed: 29332244). The elongator complex catalyzes formation of carboxymethyluridine in the wobble base at position 34 in tRNAs (PubMed: 29332244). Involved in cell migration (By similarity).
Cellular Location	Nucleus. Cytoplasm
Tissue Location	Ubiquitously expressed with high levels in heart, brain, liver, skeletal muscle and testis

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.