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HECTD1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56000

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9ULT8
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	289368

Additional Information

Gene ID	25831
Other Names	E3 ubiquitin-protein ligase HECTD1, 2.3.2.26, E3 ligase for inhibin receptor, EULIR, HECT domain-containing protein 1, HECT-type E3 ubiquitin transferase HECTD1, HECTD1, KIAA1131
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	HECTD1 {ECO:0000303|PubMed:33711283, ECO:0000312|HGNC:HGNC:20157}
Function	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates (PubMed:33711283). Mediates 'Lys-63'-linked polyubiquitination of HSP90AA1 which leads to its intracellular localization and reduced secretion (By similarity). Negatively regulating HSP90AA1 secretion in cranial mesenchyme cells may impair their emigration and may be essential for the correct development of the cranial neural folds and neural tube closure (By similarity). Catalyzes ubiquitination and degradation of ZNF622, an assembly factor for the ribosomal 60S subunit, in hematopoietic cells, thereby promoting hematopoietic stem cell renewal (PubMed:33711283).

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