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KIAA0317 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12516

Product Information

Application	WB
Primary Accession	O15033
Other Accession	NM_001039479, NP_001034568
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted	Human, Rabbit, Pig, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94223

Additional Information

Gene ID	9870
Alias Symbol	KIAA0317,
Other Names	Apoptosis-resistant E3 ubiquitin protein ligase 1, 6.3.2.-, AREL1, KIAA0317
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-KIAA0317 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	KIAA0317 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

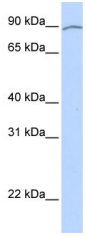
Protein Information

Name	AREL1 {ECO:0000303|PubMed:23479728, ECO:0000312|HGNC:HGNC:20363}
Function	E3 ubiquitin-protein ligase that catalyzes 'Lys-11'- or 'Lys- 33'-linked polyubiquitin chains, with some preference for 'Lys-33' linkages (PubMed:25752577). E3 ubiquitin-protein ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates (PubMed:23479728, PubMed:31578312). Ubiquitinates SEPTIN4, DIABLO/SMAC and HTRA2 in vitro (PubMed:23479728). Modulates pulmonary inflammation by targeting SOCS2 for ubiquitination and subsequent degradation by the proteasome (PubMed:31578312).

References

Heilig,R.,(2003)Nature421(6923),601-607ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-KIAA0317 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Human heart

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