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C7ORF43 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55911

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8WVR3
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62597

Additional Information

Gene ID	55262
Other Names	Trafficking protein particle complex subunit 14, Microtubule-associated protein 11, TRAPPC14 (HGNC:25604)
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	TRAPPC14 (HGNC:25604)
Function	Specific subunit of the TRAPP (transport protein particle) II complex, a highly conserved vesicle tethering complex that functions in late Golgi trafficking as a membrane tether (PubMed:30715179, PubMed:31467083). TRAPP II complex also has GEF activity toward RAB1A (By similarity). TRAPPC14 is dispensable for TRAPPII complex integrity but mediates RAB3IP preciliary vesicle trafficking to the mother centriole during ciliogenesis (PubMed:31467083). Modulates YAP1 activity as transcriptional regulator (PubMed:30447097).
Cellular Location	Cytoplasm, cytoskeleton, spindle. Vesicle. Midbody Cytoplasm. Note=During mitosis, precedes alpha-tubulin in gap formation of cell abscission at the midbody and is co-localized with PLK1 at the edges of microtubules extensions of daughter cells post cytokinesis abscission (PubMed:30715179) Colocalizes with RAB3IP on preciliary vesicles (PubMed:31467083)
Tissue Location	Broadly expressed. High levels in brain, cerebellum, testis and whole blood.

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