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C20ORF194 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10279

Product Information

Application	WB
Primary Accession	Q5TEA3
Other Accession	XM_045421, XP_045421
Reactivity	Human, Mouse, Rat, Pig, Dog, Horse, Bovine, Yeast
Predicted	Human, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	132287

Additional Information

Gene ID	25943
Other Names	Uncharacterized protein C20orf194, C20orf194
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-C20ORF194 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	C20ORF194 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DNAAF9 (HGNC:17721)
Synonyms	C20orf194
Function	Dynein axonemal assembly factor that regulates the transport and activation of ciliary outer dynein arms (ODAs), which are the main force generators in cilia (PubMed:33632841). Essential for cilia movement and motility (PubMed:33632841). Inhibits dyneins by reducing the affinity of ODAs for microtubules and hence inactivating the dyneins in the cytoplasm; the inhibition is relieved once dyneins enter the cilia (By similarity). May act as an effector for ARL3 (PubMed:22085962).

References

Strausberg RL, et al., (2002) Proc Natl Acad Sci 99 (26), 16899-903Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images

