

**C6orf81 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55902****Specification**

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**C6orf81 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">Q5T9G4</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38632

**C6orf81 Polyclonal Antibody - Additional Information****Gene ID** 221481**Other Names**

Armadillo repeat-containing protein 12, ARMC12, C6orf81

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**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.

**C6orf81 Polyclonal Antibody - Protein Information****Name** ARMC12**Synonyms** C6orf81**Function**

Essential for male fertility and sperm mitochondrial sheath formation (By similarity). Required for proper mitochondrial elongation and coiling along the flagellum during the formation of the mitochondrial sheath (By similarity). Facilitates the growth and aggressiveness of neuroblastoma cells (PubMed:<a href="http://www.uniprot.org/citations/30026490" target="\_blank">30026490</a>). Increases the EZH2 activity and H3K27me3 levels in a RBBP4-dependent manner, and facilitates the enrichment of polycomb repressive complex 2 and H3K27me3 on gene promoters, resulting in transcriptional repression of tumor suppressors affecting the proliferation, invasion, and metastasis of tumor cells (PubMed:<a href="http://www.uniprot.org/citations/30026490" target="\_blank">30026490</a>).

**Cellular Location**

Nucleus. Mitochondrion outer membrane {ECO:0000250|UniProtKB:Q80X86}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q80X86}

**Tissue Location**

Testis-specific (PubMed:33536340). Expressed at higher levels in neuroblastoma tissues and cell lines, than those of normal dorsal ganglia (at protein level) (PubMed:30026490). Expressed in breast cancer, colon cancer, hepatocellular carcinoma, lung cancer, pancreas cancer, prostate cancer, renal cancer and gastric cancer, but not in their normal counterparts (PubMed:30026490)

**C6orf81 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**C6orf81 Polyclonal Antibody - Images**