

C6orf203 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55889**Specification**

C6orf203 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q9P0P8
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27941

C6orf203 Polyclonal Antibody - Additional Information**Gene ID** 51250**Other Names**

Mitochondrial transcription rescue factor 1, MTRES1 (HGNC:17971), C6orf203

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.

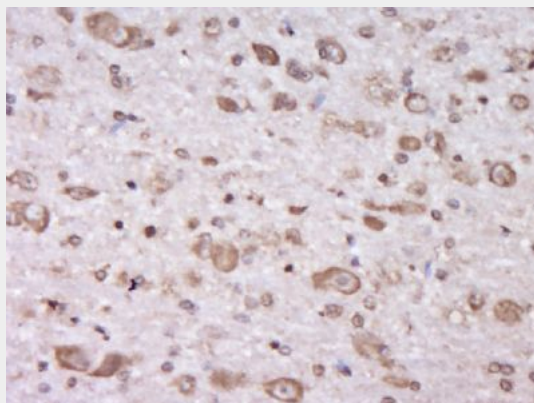
C6orf203 Polyclonal Antibody - Protein Information**Name** MTRES1 ([HGNC:17971](#))**Synonyms** C6orf203**Function**

Mitochondrial RNA-binding protein involved in mitochondrial transcription regulation. Functions as a protective factor to maintain proper mitochondrial RNA level during stress. Acts at the transcription level and its protective function depends on its RNA binding ability (PubMed:31226201). Part of a mitoribosome-associated quality control pathway that prevents aberrant translation by responding to interruptions during elongation (PubMed:33243891, PubMed:31396629). As heterodimer with MTRF, ejects the unfinished nascent chain and peptidyl transfer RNA (tRNA), respectively, from stalled ribosomes. Recruitment of mitoribosome biogenesis factors to these quality control intermediates suggests additional roles for MTRES1 and MTRF during mitoribosome rescue (PubMed:33243891).

Cellular Location
Mitochondrion matrix**C6orf203 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](#)

C6orf203 Polyclonal Antibody - Images

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C6orf203) Polyclonal Antibody, Unconjugated (bs-15237R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.