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C6orf203 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15639

Specification

C6orf203 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q9P0P8
Other Accession	NM_016487, NP_057571
Reactivity	**Human, Rat, Rabbit, Horse, Guinea Pig, Dog**
Predicted	**Human, Rat, Rabbit, Pig, Horse, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**26kDa KDa**

C6orf203 Antibody - C-terminal region - Additional Information

Gene ID 51250

Alias Symbol	**PRED31, RP11-59I9.1**

Other Names
Uncharacterized protein C6orf203, C6orf203

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-C6orf203 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
C6orf203 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

C6orf203 Antibody - C-terminal region - 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).

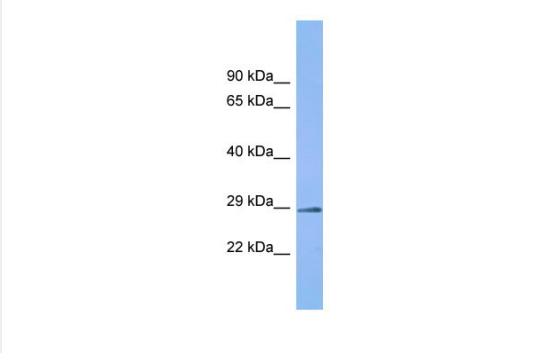
Cellular Location
Mitochondrion matrix

C6orf203 Antibody - C-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

C6orf203 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: C6orf203
Sample Tissue: Fetal Kidney lysates
Antibody Dilution: 1.0µg/ml

C6orf203 Antibody - C-terminal region - References

Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).