10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GDAP1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15033

Specification

GDAP1 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q8TB36
Other Accession	NM_018972, NP_061845
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**41kDa KDa**

GDAP1 antibody - middle region - Additional Information

Gene ID 54332

Alias Symbol	**CMTRIA, CMT4, CMT4A**

Other Names
Ganglioside-induced differentiation-associated protein 1, GDAP1, GDAP1

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-GDAP1 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
GDAP1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

GDAP1 antibody - middle region - Protein Information

Name GDAP1

Function
Regulates the mitochondrial network by promoting mitochondrial fission.

Cellular Location
Mitochondrion outer membrane; Multi-pass membrane protein. Cytoplasm {ECO:0000250|UniProtKB:O88741}

Tissue Location

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

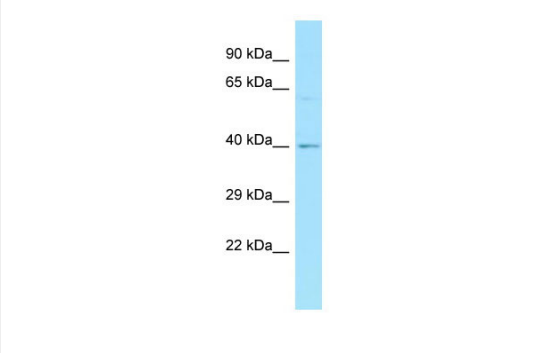
Highly expressed in whole brain and spinal cord. Predominant expression in central tissues of the nervous system not only in neurons but also in Schwann cells

GDAP1 antibody - middle 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

GDAP1 antibody - middle region - Images



WB Suggested Anti-GDAP1 Antibody Titration: 1.0 µg/ml
Positive Control: ACHN Whole Cell

GDAP1 antibody - middle region - References

Liu H.,et al.J. Neurochem. 72:1781-1790(1999).
Crimella C.,et al.J. Med. Genet. 47:712-716(2010).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 439:331-335(2006).
Cuesta A.,et al.Nat. Genet. 30:22-25(2002).