

GDPD5 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS17090**Specification**

GDPD5 Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	Q8WTR4
Other Accession	81544
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68586

GDPD5 Antibody (N-Terminus) - Additional Information**Gene ID** 81544**Other Names**

GDPD5, GDE2, PP1665

Target/Specificity

GDPD5 antibody is human, mouse and rat reactive. At least three isoforms of GDPD5 are known to exist.

Reconstitution & Storage

PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

GDPD5 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GDPD5 Antibody (N-Terminus) - Protein Information**Name** GDPD5 ([HGNC:28804](#))**Function**

Glycerophosphodiester phosphodiesterase that promotes neurite formation and drives spinal motor neuron differentiation (By similarity). Mediates the cleavage of glycosylphosphatidylinositol (GPI) anchor of target proteins: removes the GPI-anchor of RECK, leading to release RECK from the plasma membrane (By similarity). May contribute to the osmotic regulation of cellular glycerophosphocholine (By similarity).

Cellular Location

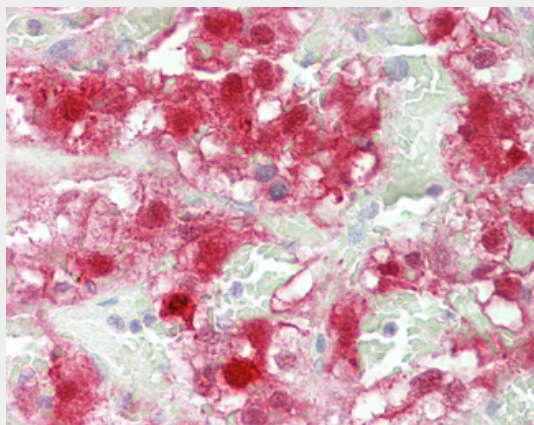
Endomembrane system {ECO:0000250|UniProtKB:Q640M6}; Multi-pass membrane protein. Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q640M6}. Cell projection, growth cone {ECO:0000250|UniProtKB:Q640M6}. Note=In a punctate perinuclear pattern {ECO:0000250|UniProtKB:Q640M6}

GDPD5 Antibody (N-Terminus) - 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](#)

GDPD5 Antibody (N-Terminus) - Images



Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)

GDPD5 Antibody (N-Terminus) - Background

Promotes neurite formation. Cooperates with PRDX1 to drive postmitotic motor neuron differentiation. The glycerophosphodiester phosphodiesterase activity may be required for its role in neuronal differentiation. May contribute to the osmotic regulation of cellular glycerophosphocholine.

GDPD5 Antibody (N-Terminus) - References

Wan D., et al. Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).
Clark H.F., et al. Genome Res. 13:2265-2270(2003).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Otsuki T., et al. DNA Res. 12:117-126(2005).
Guo J.H., et al. Submitted (NOV-2001) to the EMBL/GenBank/DDBJ databases.