

GDPD5 Antibody (center) Blocking peptide
Synthetic peptide
Catalog # BP10992c**Specification**

GDPD5 Antibody (center) Blocking peptide - Product InformationPrimary Accession [Q8WTR4](#)**GDPD5 Antibody (center) Blocking peptide - Additional Information****Gene ID** 81544**Other Names**Glycerophosphodiester phosphodiesterase domain-containing protein 5, 31--,
Glycerophosphodiester phosphodiesterase 2, GDPD5, GDE2**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GDPD5 Antibody (center) Blocking peptide - 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 (center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GDPD5 Antibody (center) Blocking peptide - Images**GDPD5 Antibody (center) Blocking peptide - Background**

Glycerophosphodiester phosphodiesterases (GDPDs; EC3.1.4.46), such as GDPD5, are involved in glycerol metabolism (Langet al., 2008 [PubMed 17578682]).

GDPD5 Antibody (center) Blocking peptide - References

Lang, Q., et al. Mol. Biol. Rep. 35(3):351-359(2008)Rao, M., et al. Science
309(5744):2212-2215(2005)Wan, D., et al. Proc. Natl. Acad. Sci. U.S.A.
101(44):15724-15729(2004)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)