

GDF1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16021a

Specification

GDF1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [P27539](#)

GDF1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 2657

Other Names

Embryonic growth/differentiation factor 1, GDF-1, GDF1

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.

GDF1 Antibody (N-term) Blocking Peptide - Protein Information

Name GDF1

Function

May mediate cell differentiation events during embryonic development.

Cellular Location

Secreted.

Tissue Location

Expressed in the brain.

GDF1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GDF1 Antibody (N-term) Blocking Peptide - Images

GDF1 Antibody (N-term) Blocking Peptide - Background

This gene encodes a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site that is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein is involved in the establishment of left-right asymmetry in early embryogenesis and in neural development in later embryogenesis. This protein is transcribed from a bicistronic mRNA that also encodes the longevity assurance gene.

GDF1 Antibody (N-term) Blocking Peptide - References

De Luca, A., et al. Clin. Genet. (2010) In press :Kaasinen, E., et al. Hum. Mol. Genet. 19(14):2747-2753(2010)Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :Roessler, E., et al. Mol. Genet. Metab. 98 (1-2), 225-234 (2009) :Li, J., et al. Gynecol. Oncol. 114(1):89-93(2009)