

GRXCR1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12687c**Specification**

GRXCR1 Antibody (Center) Blocking peptide - Product Information

Primary Accession [A8MXD5](#)

GRXCR1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 389207

Other Names

Glutaredoxin domain-containing cysteine-rich protein 1, GRXCR1, DFN25

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.

GRXCR1 Antibody (Center) Blocking peptide - Protein Information

Name GRXCR1

Synonyms DFN25

Function

May play a role in actin filament architecture in developing stereocilia of sensory cells.

Cellular Location

Cell projection, stereocilium. Cell projection, microvillus. Cell projection, kinocilium. Note=In the inner ear, localized to stereocilia, apical microvilli of sensory cells and kinocilia.

Tissue Location

Expressed at low levels in adult lung, brain and duodenum with moderate levels in testis. Highly expressed in fetal cochlea.

GRXCR1 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GRXCR1 Antibody (Center) Blocking peptide - Images

GRXCR1 Antibody (Center) Blocking peptide - Background

This gene is one of 60 loci associated with autosomal-recessive nonsyndromic hearing impairment. This gene encodes a protein which contains GRX-like domains; these domains play a role in the S-glutathionylation of proteins and may be involved in actin organization in hair cells.

GRXCR1 Antibody (Center) Blocking peptide - References

Schraders, M., et al. Am. J. Hum. Genet. 86(2):138-147(2010) Hillier, L.W., et al. Nature 434(7034):724-731(2005) Harrington, J.J., et al. Nat. Biotechnol. 19(5):440-445(2001)