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GPATCH4 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18582c

Specification

GPATCH4 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q5T3I0

GPATCH4 Antibody (Center) Blocking Peptide - Additional Information

Other Names
G patch domain-containing protein 4, GPATCH4, GPATC4

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.

GPATCH4 Antibody (Center) Blocking Peptide - Protein Information

Name GPATCH4

Synonyms GPATC4

GPATCH4 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

GPATCH4 Antibody (Center) Blocking Peptide - Images

GPATCH4 Antibody (Center) Blocking Peptide - Background

GPATCH4 (G patch domain-containing protein 4) is a 446 amino acid protein containing one G-patch domain. Existing as three alternatively spliced isoforms, the gene encoding GPATCH4 maps to human chromosome 1q23.1 and mouse chromosome 3 F1. Spanning around 260 million base pairs, chromosome 1 is the largest human chromosome and comprises 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome

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1. A breakpoint has been identified in 1q which disrupts the DISC1 gene and is linked to schizophrenia. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma.

GPATCH4 Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Olsen, J.V., et al. Cell 127(3):635-648(2006)Andersen, J.S., et al. Nature 433(7021):77-83(2005)