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FGF12 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP6750a

Specification

FGF12 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P61328

FGF12 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 2257

Other Names
Fibroblast growth factor 12, FGF-12, Fibroblast growth factor homologous factor 1, FHF-1, Myocyte-activating factor, FGF12, FGF12B, FHF1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6750a was selected from the N-term region of human FGF12. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

FGF12 Antibody (N-term) Blocking Peptide - Protein Information

Name FGF12

FGF12 Antibody (N-term) Blocking Peptide - Background

FGF12 is probably involved in nervous system development and function.

FGF12 Antibody (N-term) Blocking Peptide - References

Nakayama,F., et.al., J. Radiat. Res. 49 (5), 491-501 (2008)

Synonyms FGF12B, FHF1

Function
Involved in nervous system development and function. Involved in the positive regulation of voltage-gated sodium channel activity. Promotes neuronal excitability by elevating the voltage dependence of neuronal sodium channel SCN8A fast inactivation.

Cellular Location
Nucleus.

Tissue Location
Brain, eye and testis; highly expressed in embryonic retina, olfactory epithelium, olfactory bulb, and in a segmental pattern of the body wall; in adult olfactory bulb, less in cerebellum, deep cerebellar nuclei, cortex and multiple midbrain structures

FGF12 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides