

FGF-12 Polyclonal Antibody

Catalog # AP73344

Specification

FGF-12 Polyclonal Antibody - Product Information

Application WB, IHC-P Primary Accession P61328

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

FGF-12 Polyclonal Antibody - Additional Information

Gene ID 2257

Other Names

FGF12; FGF12B; FHF1; Fibroblast growth factor 12; FGF-12; Fibroblast growth factor homologous factor 1; FHF-1; Myocyte-activating factor

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IHC-P~ \sim N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

FGF-12 Polyclonal Antibody - Protein Information

Name FGF12

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

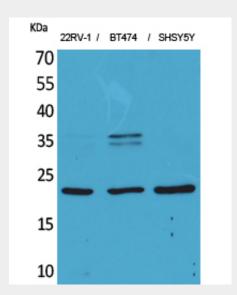


FGF-12 Polyclonal Antibody - Protocols

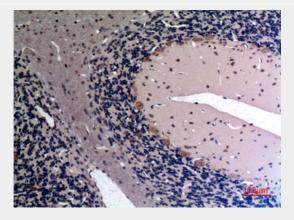
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FGF-12 Polyclonal Antibody - Images

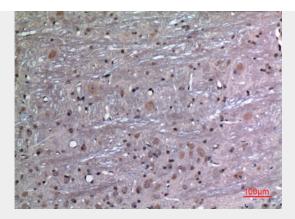


Western Blot analysis of 22RV-1, BT474, SHSY5Y cells using FGF-12 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

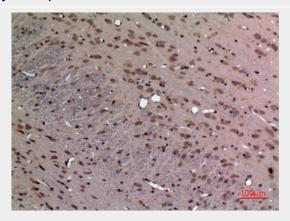


Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100

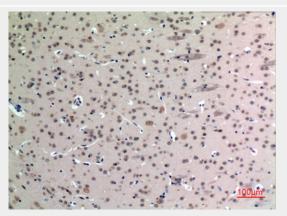




Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100

FGF-12 Polyclonal Antibody - Background

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