

ARG44659 anti-FGF12 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes FGF12
Tested Reactivity	Hu, Ms, Rat
Tested Application	IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	FGF12
Species	Human
Conjugation	Un-conjugated
Alternate Names	FGF12; Fibroblast Growth Factor 12; FHF1; Fibroblast Growth Factor Homologous Factor 1; Myocyte-Activating Factor; FGF12B; Fibroblast Growth Factor FGF-12b; Fibroblast Growth Factor 12B; EIEE47; FGF-12; DEE47; FHF-1

Application Instructions

Application table	Application	Dilution
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FGF12
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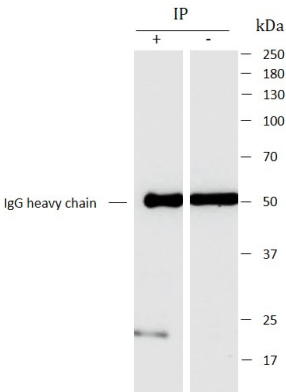
Gene Full Name	Fibroblast Growth Factor 12
Background	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion. This growth factor lacks the N-terminal signal sequence present in most of the FGF family members, but it contains clusters of basic residues that have been demonstrated to act as a nuclear localization signal. When transfected into mammalian cells, this protein accumulated in the nucleus, but was not secreted. The specific function of this gene has not yet been determined. [provided by RefSeq, Dec 2019]
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. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



ARG44659 anti-FGF12 antibody WB image

Western blot: Human Brain stained with ARG44659 anti-FGF12 antibody at 1 µg/mL dilution.



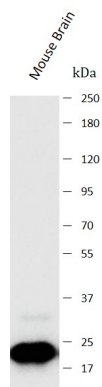
ARG44659 anti-FGF12 antibody IP image

Immunoprecipitation: Rat Brain lysate immunoprecipitated with 2.5 µg of ARG44659 anti-FGF12 antibody.



ARG44659 anti-FGF12 antibody WB image

Western blot: Rat Brain stained with ARG44659 anti-FGF12 antibody at 1 µg/mL dilution.



ARG44659 anti-FGF12 antibody WB image

Western blot: Mouse Brain stained with ARG44659 anti-FGF12 antibody at 1 μ g/mL dilution.