ARG43722
anti-FGF17 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FGF17
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FGF17
Species	Human
Immunogen	Recombinant fusion protein within aa. 20-190 of Human FGF17.
Conjugation	Un-conjugated
Alternate Names	FGF-17; HH20; FGF-13; Fibroblast growth factor 17

Application Instructions

Predict Reactivity Note	Rat

Application table

Application	Dilution
ICC/IF	1:50 - 1:200
WB	1:500 - 1:1000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Observed Size	24 kDa

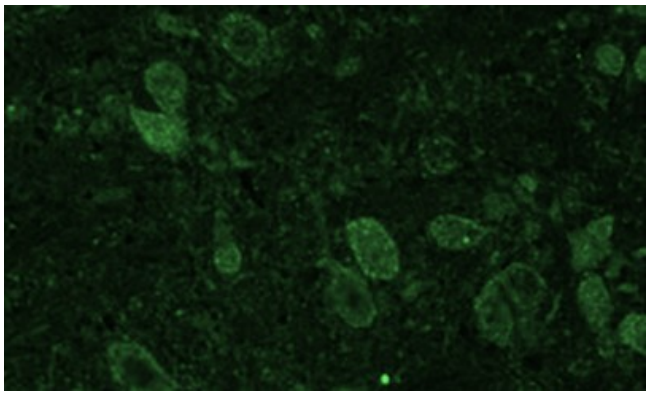
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

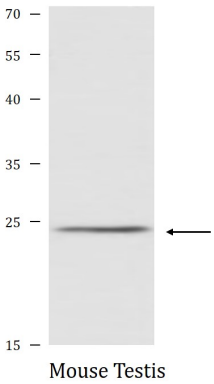
Gene Symbol	FGF17
Gene Full Name	fibroblast growth factor 17
Background	FGF17 gene encodes a member of the fibroblast growth factor (FGF) family. Member of the FGF family possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is expressed during embryogenesis and in the adult cerebellum and cortex and may be essential for vascular growth and normal brain development. Mutations in this gene are the cause of hypogonadotropic hypogonadism 20 with or without anosmia. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]
Function	FGF17 plays an important role in the regulation of embryonic development and as signaling molecule in the induction and patterning of the embryonic brain. Required for normal brain development. [UniProt]
Calculated Mw	24.8 kDa
PTM	Glycoprotein
Cellular Localization	Secreted. [UniProt]

Images



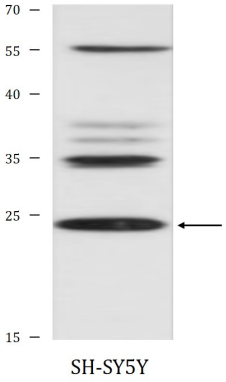
ARG43722 anti-FGF17 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain stained with ARG43722 anti-FGF17 antibody at 1:100 dilution.



ARG43722 anti-FGF17 antibody WB image

Western blot: 25 µg of Mouse Testis lysate stained with ARG43722 anti-FGF17 antibody at 1:1000 dilution.



ARG43722 anti-FGF17 antibody WB image

Western blot: 25 µg of SH-SY5Y cell lysate stained with ARG43722 anti-FGF17 antibody at 1:1000 dilution.