

Anti-Fgf14-Mouse antibody (N-Term) (STJ72909)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IHC
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Pig/Cow

PRODUCT PROPERTIES

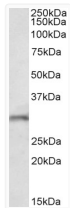
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 28kDa band observed in Mouse and Human Brain lysates (calculated MW of 28.3kDa according to NP_997550.1 and 27.7kDa according to NP_034331.2). Recommended concentration: 1-3µg/
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

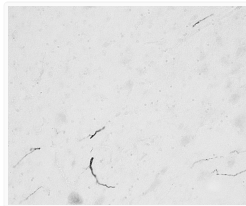
Gene ID	2259
Gene Symbol	FGF14
UniProt ID	FGF14_HUMAN
Immunogen Region	N-Term
Immunogen Sequence	REQHWDRPSASR
Specificity	This antibody is expected to recognize mouse isoform a (NP_034331.2) and human isoform 1A (NP_004106.1).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



STJ72909 (1µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72909 (1:5000) immunostaining of FGF14-positive axon initial segments in cryosection of an immersion-fixed (1% PFA/0.5% methanol) human hypothalamus*. Antigen retrieval with citrate buffer pH 6 at 80°C for 30min. HRP-staining with Ni-DAB, after Biotin-SP-anti-goat (IgG) method. Data obtained by Drs. Éva Rumpel and Erik Hrabovszky, Inst, Exp, Med, Budapest, Hungary.