

Anti-calbindin D28 antibody (Internal) (STJ72890)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

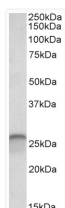
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx. 26kDa band observed in Human and Rat Kidney lysates and in Rat Brain lysates (calculated MW of 30.0kDa according to Human NP_004920.1 and Rat NP_114190.1). The observed molecule
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

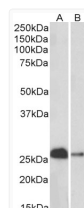
Gene ID	793
Gene Symbol	CALB1
UniProt ID	CALB1_HUMAN
Immunogen Region	Internal
Immunogen Sequence	KTFVDQYQRRDDGK
Specificity	Immunizing peptide overlaps EF hand 2, but not any calcium binding site.

ADDITIONAL INFORMATION

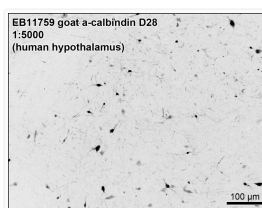
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ72890 (0.03 µg/ml) staining of Human Cerebellum lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72890 (0.1 µg/ml) staining of Mouse (A) and Rat (B) Brain lysates (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72890 (0.1 µg/ml) staining of PFA-perfused cryosection of Human Hypothalamus. Antigen retrieval with citrate buffer pH 6 at 80°C for 30 min, HRP-staining with Ni-DAB after Biotin-SP-antigoat amplification. Data obtained by Prof. Erik Hrabovszky, Inst, Exp. Med., Budapest, Hungary.