

Anti-calbindin D28 antibody (Internal) (STJ72890)

STJ72890

GENERAL INFORMATION

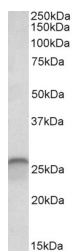
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-calbindin D28 (Internal) is suitable for use in ELISA, Western Blot and Immunohistochemistry research applications.
Applications	Pep-ELISA/WB/IHC
Host/Source	Goat
Reactivity	Human/Rat/Dog/Pig/Cow

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
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

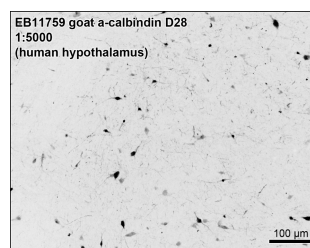
Gene ID	793
Gene Symbol	CALB1
Uniprot ID	CALB1_HUMAN
Immunogen	
Immunogen Region	Internal
Specificity	Immunizing peptide overlaps EF hand 2, but not any calcium binding site.
Immunogen Sequence	KTFVDQYQGRRDDGK



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 90°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.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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