

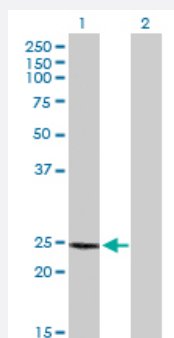
MaxPab®

CALB1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00000793-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CALB1 expression in transfected 293T cell line ([H00000793-T01](#)) by CALB1 MaxPab polyclonal antibody.

Lane 1: CALB1 transfected lysate (28.71 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CALB1 protein.
Immunogen	CALB1 (NP_004920, 1 a.a. ~ 261 a.a) full-length human protein.
Sequence	MAESHLQSSLITASQFFEIWLHFDADGSGYLEGKELQNLQELQQARKKAGLELSPEMKTTFVDQY GQRDDGKIGVELAHVLPTEENFLLLFRQQLKSCEEFMKTWRKYDTHSGFIETEELKNFLKDLL EKANKTVDDTKLAEYTDMLKLFDSDNNDGKLELTEMARLLPVQENFLLKFQGIKMCCKEENKAFE LYDQDNGNGYIDENELDALLKDLCEKNKQDLDINNITYKKNIMALSDGGKLYRTDLALILCAGDN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

Gene Info — CALB1

Entrez GeneID [793](#)

GeneBank Accession# [NM_004929](#)

Protein Accession# [NP_004920](#)

Gene Name CALB1

Gene Alias CALB

Gene Description calbindin 1, 28kDa

Omim ID [114050](#)

Gene Ontology [Hyperlink](#)

Gene Summary Calbindin is a calcium-binding protein belonging to the troponin C superfamily. It was originally described as a 27-kD protein induced by vitamin D in the duodenum of the chick. In the brain, its synthesis is independent of vitamin-D-derived hormones. Calbindin contains 4 active calcium-binding domains, and 2 modified domains that presumably have lost their calcium-binding capacity. The neurons in brains of patients with Huntington disease are calbindin-depleted. [provided by RefSeq]

Other Designations RTVL-H protein|calbindin 1|calbindin 1, (28kD)

Disease

- [Genetic Predisposition to Disease](#)

- [Parkinson disease](#)