

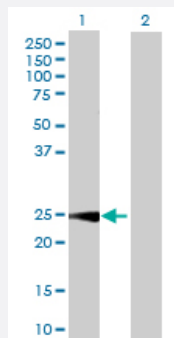
MaxPab®

## CALB1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000793-D01P

Size 100 ug

### Applications

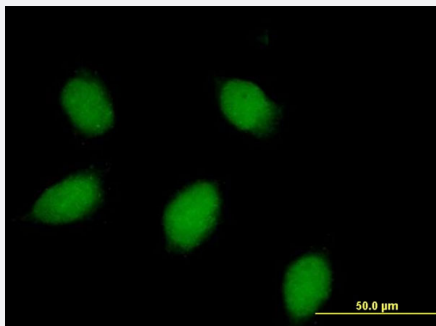


#### Western Blot (Transfected lysate)

Western Blot analysis of CALB1 expression in transfected 293T cell line by CALB1 MaxPab rabbit polyclonal antibody.

Lane 1: CALB1 transfected lysate(30.00 KDa).

Lane 2: Non-transfected lysate.



#### Immunofluorescence

Immunofluorescence of purified MaxPab rabbit antibody to CALB1 on HeLa cell. [antibody concentration 10 ug/ml]

### Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CALB1 protein.
Immunogen	CALB1 (NP_004920.1, 1 a.a. ~ 261 a.a) full-length human protein.
Sequence	MAESHLQSSLITASQFFEIWLHFDADGSGYLEGKELQNLIQELQQARKKAGLELSPMKTFVDQY GQRDDGKIGVELAHVLPTEENFLLLFRCQQLKSCEEFMKTWRKYDTHSGFIETEELKNFLKDLL EKANKTVDDTKLAEYTDLMKLFDSDNNDGKLELTEMARLLPVQENFLLKFQGIKMCCKEKNKAFE LYDQDNGYIDENELDALLKDLCEKNKQDLINNITTYKKNIMALSDGGKLYRTDLALILCAGDN
Host	Rabbit
Reactivity	Human

Interspecies Antigen Sequence	Mouse (98); Rat (98)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence

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## Gene Info — CALB1

Entrez GeneID	<a href="#">793</a>
GeneBank Accession#	<a href="#">NM_004929</a>
Protein Accession#	<a href="#">NP_004920.1</a>
Gene Name	CALB1
Gene Alias	CALB
Gene Description	calbindin 1, 28kDa
Omim ID	<a href="#">114050</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)