

## Calbindin D28K Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01113
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the C-terminal region of human CALB1. AA range:191-240
<b>Mol wt</b>	30025
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Calbindin D28K Antibody
<b>Synonyms</b>	CALB1; CAB27; Calbindin; Calbindin D28; D-28K; Vitamin D-dependent calcium-binding protein, avian-type

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Calbindin encoded by CALB1 is a member of the calcium-binding protein superfamily that includes calmodulin and troponin C. Originally described as a 27 kDa protein, it is now known to be a 28 kDa protein. It contains four active calcium-binding domains, and has two modified domains that are thought to have lost their calcium binding capability. This protein is thought to buffer entry of calcium upon stimulation of glutamate receptors. Depletion of this protein was noted in patients with Huntington disease.

### Recommended Dilution

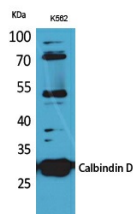
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

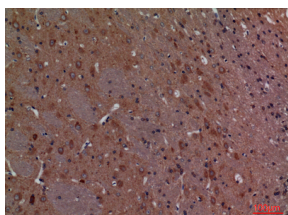
ELISA: 1: 20000

Not yet tested in other applications.

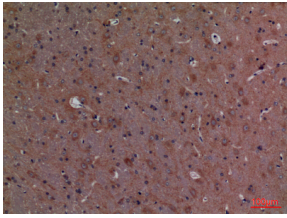
### Images



Western Blot analysis of K562 cells using Calbindin D28K Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100

### Storage

-20°C for one year

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