

anti- Calbindin antibody

Product Information

Catalog No.:	FNab01193
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Calbindin-D28k is a member of the calcium-binding protein superfamily that includes calmodulin and troponin C. It is a cytosolic calcium binding protein highly expressed in the distal tubule, intestines, central nervous system, primary murine osteoblast cells and in several other organs. It plays an important role in the intracellular calcium homeostasis, its strong buffering capacity prevents cytotoxic effect of high concentration of free calcium in kidney, brain, pancreas, and intestine.

Immunogen information

Immunogen:	calbindin 1, 28kDa
Synonyms:	CAB27, CALB, CALB1, Calbindin, calbindin 1, 28kDa, Calbindin D28, D 28K
Observed MW:	30kd
Uniprot ID :	P05937

Application

Reactivity:	Human, Mouse, Rat
-------------	-------------------

Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

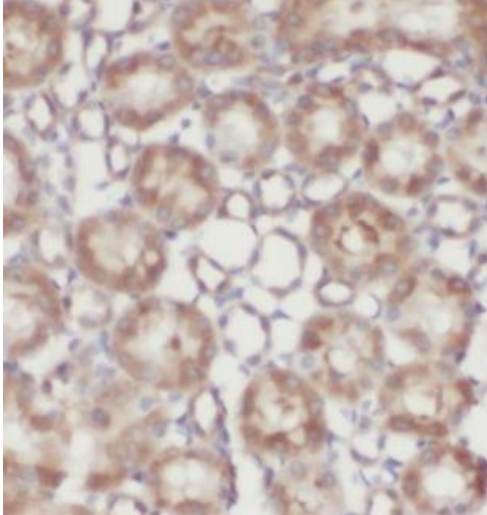
Fax: (0086)027-87800889

www.fn-test.com

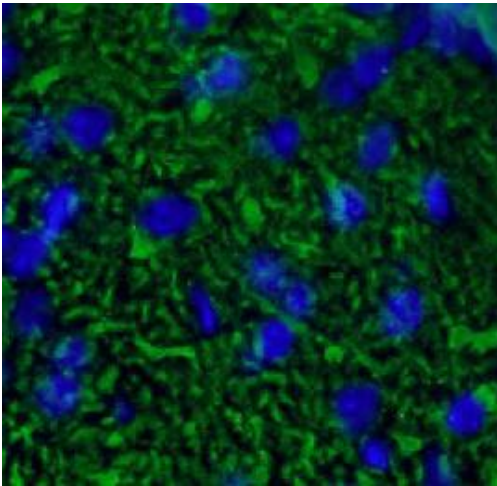
Tested Application: ELISA, WB,IHC,IP,IF

Recommended dilution:WB: 1:500-1:2000; IP: 1:500-1:2000; IHC: 1:50-1:500; IF: 1:50-1:500

Image:

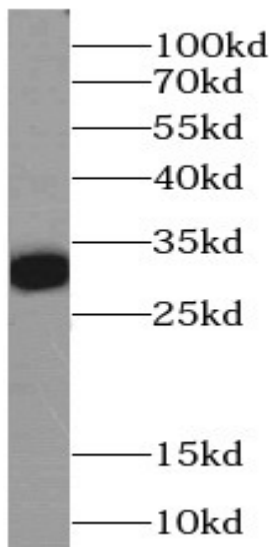
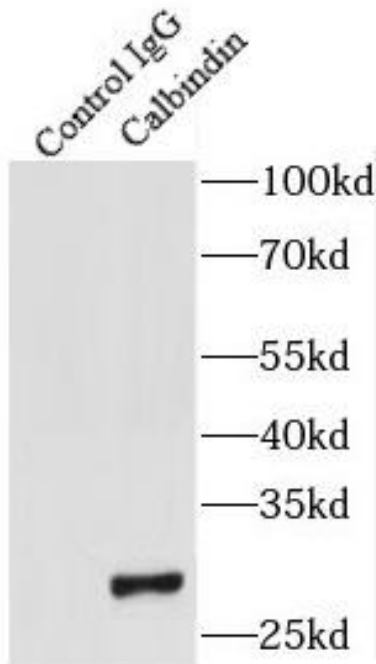


Immunohistochemistry of paraffin-embedded human kidney tissue slide using FNab01193(Calbindin-D28k antibody at dilution of 1:100



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using FNab01193 (Calbindin-D28k antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)

IP Result of anti-Calbindin-D28k (IP:FNab01193, 4ug; Detection:FNab01193 1:1000) with mouse brain tissue lysate 4000ug.



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab01193(Calbindin-D28k antibody) at dilution of 1:1000