

## anti- TRPV6 antibody

### Product Information

Catalog No.:	FNab09030
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

Calcium selective cation channel that mediates Ca(2+) uptake in various tissues, including the intestine(PubMed:11097838, PubMed:11278579, PubMed:11248124 PubMed:15184369, PubMed:23612980). Important for normal Ca(2+) ion homeostasis in the body, including bone and skin(By similarity). The channel is activated by low internal calcium level, probably including intracellular calcium store depletion, and the current exhibits an inward rectification(PubMed:15184369). Inactivation includes both a rapid Ca(2+)-dependent and a slower Ca(2+)-calmodulin-dependent mechanism; the latter may be regulated by phosphorylation. In vitro, is slowly inhibited by Mg(2+) in a voltage-independent manner. Heteromeric assembly with TRPV5 seems to modify channel properties. TRPV5-TRPV6 heteromultimeric concatemers exhibit voltage-dependent gating.

### Immunogen information

Immunogen:	transient receptor potential cation channel, subfamily V, member 6
Synonyms:	ABP/ZF, Calcium transport protein 1, CaT L, CaT like, CAT1, CATL, ECAC2, Epithelial calcium channel 2, HSA277909, LP6728, TRPV6, ZFAB
Observed MW:	82 kDa, 70 kDa
Uniprot ID :	Q9H1D0

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[www.fn-test.com](http://www.fn-test.com)

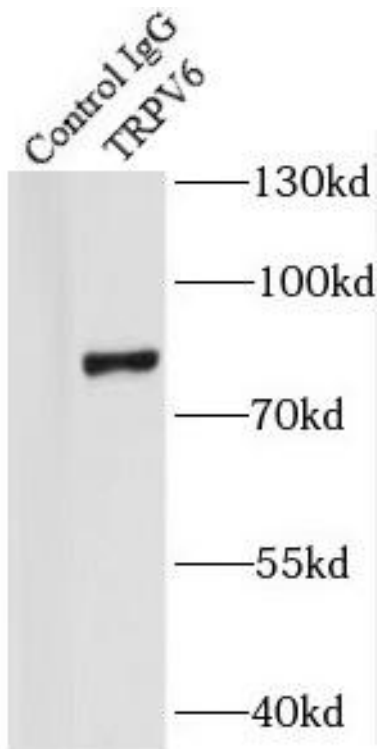
## Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, IF, WB, IP

Recommended dilution: WB: 1:500-1:5000; IP: 1:200-1:1000; IF: 1:10-1:100

Image:



IP Result of anti-TRPV6 (IP:FNab09030, 4ug;  
Detection:FNab09030 1:300) with mouse kidney  
tissue lysate 4000ug.

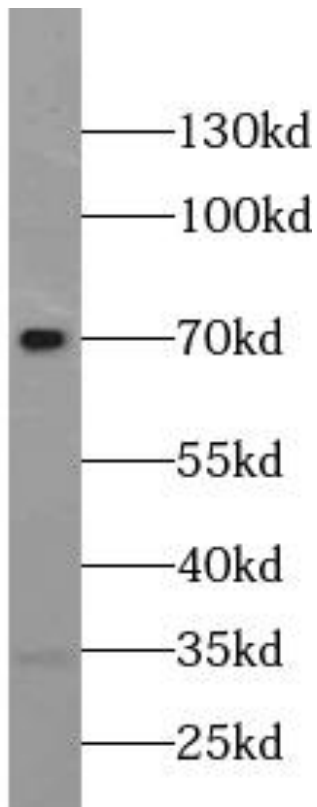
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human placenta tissue were subjected to SDS PAGE followed by western blot with FNab09030(TRPV6 Antibody) at dilution of 1:1000