

ITPR3 Rabbit Polyclonal Antibody



CAB12794

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

300kDa

Calculated MW:

304kDa

Applications:

WB IF

Reactivity:

Human, Mouse

Protein Background

This gene encodes a receptor for inositol 1, 4, 5-trisphosphate, a second messenger that mediates the release of intracellular calcium. The receptor contains a calcium channel at the C-terminus and the ligand-binding site at the N-terminus. Knockout studies in mice suggest that type 2 and type 3 inositol 1, 4, 5-trisphosphate receptors play a key role in exocrine secretion underlying energy metabolism and growth.

Immunogen information

Gene ID:

3710

Uniprot

Q14573

Synonyms:

ITPR3; IP3R; IP3R3

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

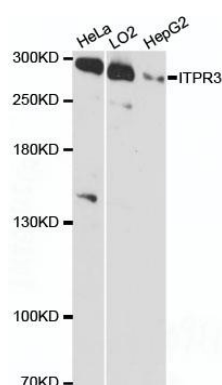
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1630-1870 of human ITPR3 (NP_002215.2).

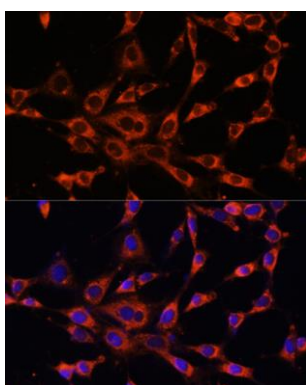
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using ITPR3 antibody (CAB12794) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunofluorescence analysis of NIH-3T3 cells using ITPR3 antibody (CAB12794) at dilution of 1:100. Blue: DAPI for nuclear staining.