TRPV4 Antibody

CATALOG NUMBER: 7695

Specifications

|	
Host Species	Rabbit
Species Reactivity	Human
Homology	Predicted species reactivity based on immunogen sequence: Rat: (100%), Mouse: (100%)
Immunogen	TRPV4 antibody was raised against an 18 amino acid peptide near the center of human TRPV4. The immunogen is located within amino acids 380 - 430 of TRPV4.
Conjugate	Unconjugated
Tested Applications	ELISA, IF, IHC-P, WB
User Note	Optimal dilutions for each application to be determined by the researcher.
Specificity	TRPV4 antibody is human specific. At least six isoforms of TRPV4 are known to exist. This antibody is predicted to not cross-react with other TRP protein family members.
Predicted Molecular Weight	Predicted: 96 kDa Observed: 100 kDa

Properties

|	
Purification	TRPV4 antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	TRPV4 antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL
Storage Conditions	TRPV4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
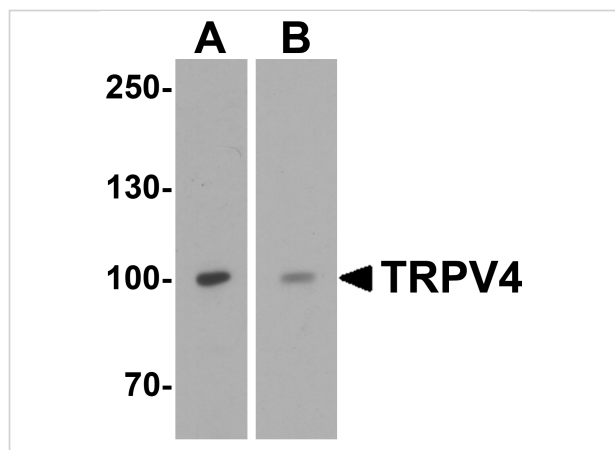
TRPV4 Antibody 1

Western blot analysis of TRPV4 in (A) human testis tissue and (B) SK-N-SH cell lysate with TRPV4 antibody at 1 µg/mL.
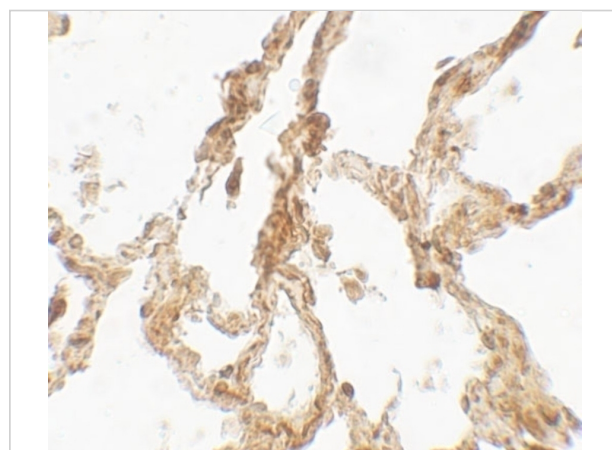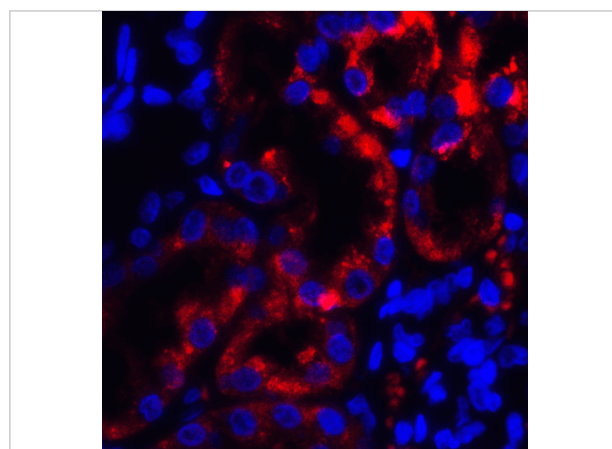

TRPV4 Antibody 2

Immunohistochemistry of TRPV4 in human lung tissue with TRPV4 antibody at 5 µg/mL.
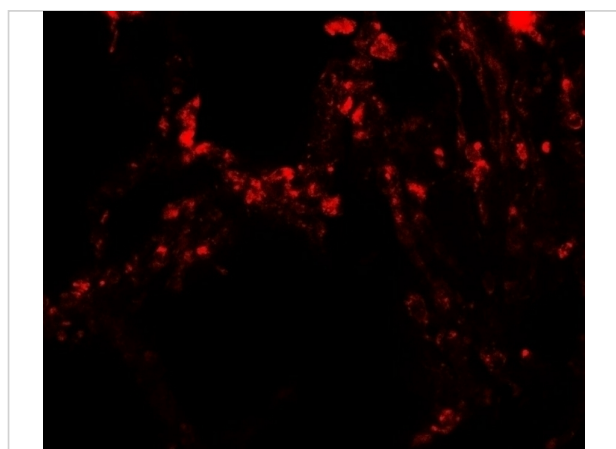
TRPV4 Antibody 3

Immunofluorescence of TRPV4 in human lung tissue with TRPV4 antibody at 20 µg/mL.

TRPV4 Antibody 4

Immunofluorescence of TRPV4 in human kidney tissue with TRPV4 antibody at 5 µg/ml.

Red: TRPV4 Antibody (7695)
Blue: DAPI staining

Disclaimer

Disclaimer	Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.