

# TRPA1 Rabbit pAb

Catalog No.: A8568 **2 Publications**

## Basic Information

### Observed MW

128kDa

### Calculated MW

127kDa

### Category

Primary antibody

### Applications

WB, IHC

### Cross-Reactivity

Human, Mouse, Rat

## Background

The structure of the protein encoded by this gene is highly related to both the protein ankyrin and transmembrane proteins. The specific function of this protein has not yet been determined; however, studies indicate the function may involve a role in signal transduction and growth control.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC</b>	1:50 - 1:200

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
8989	075762

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 850-950 of human TRPA1 (NP\_015628.2).

### Synonyms

TRPA1; ANKTM1; FEPS

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

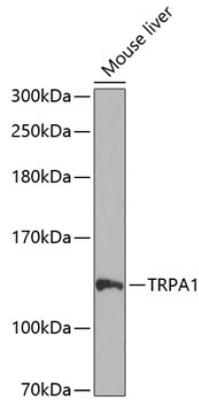
## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

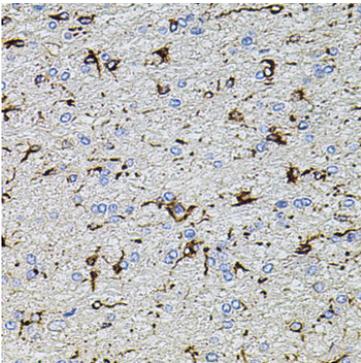
### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

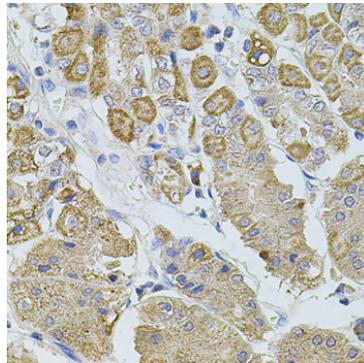
## Validation Data



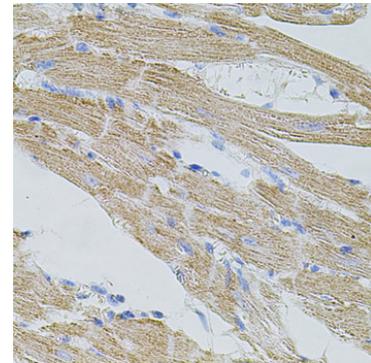
Western blot analysis of extracts of mouse liver, using TRPA1 antibody (A8568) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat brain using TRPA1 antibody (A8568) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human stomach using TRPA1 antibody (A8568) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse heart using TRPA1 antibody (A8568) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.