

Datasheet for ABIN2776190
anti-TRPA1 antibody (Middle Region)

4 Images

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Overview

Quantity:	100 µL
Target:	TRPA1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Dog, Horse, Cow, Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TRPA1
Sequence:	KCTDRLDEDG NTALHFAARE GHAKAVALLL SHNADIVLNK QQASFLHLAL
Predicted Reactivity:	Cow: 93%, Dog: 90%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Yeast: 100%
Characteristics:	This is a rabbit polyclonal antibody against TRPA1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TRPA1
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Target Details

Alternative Name:	TRPA1 (TRPA1 Products)
Background:	<p>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 sig</p> <p>Alias Symbols: ANKTM1</p> <p>Protein Interaction Partner: UBC, CYLD,</p> <p>Protein Size: 1119</p>
Molecular Weight:	127 kDa
Gene ID:	8989
NCBI Accession:	NM_007332 , NP_015628
UniProt:	O75762

Application Details

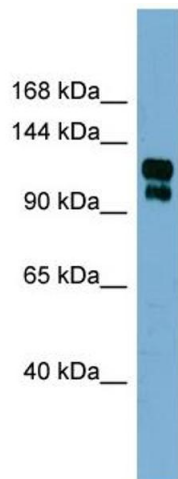
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1119 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

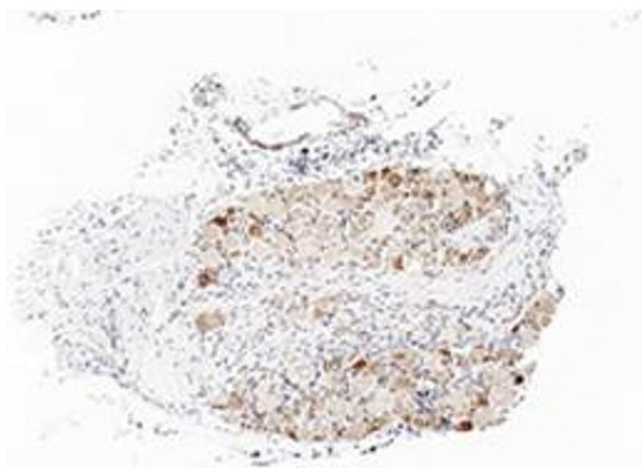
Product cited in: Braun, Sponder, Pieper, Aschenbach, Deiner: "GABA selectively increases mucin-1 expression in isolated pig jejunum." in: **Genes & nutrition**, Vol. 10, Issue 6, pp. 47, (2015) ([PubMed](#)).

Images



Western Blotting

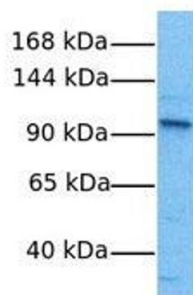
Image 1. WB Suggested Anti-TRPA1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Stomach



Immunohistochemistry

Image 2. Immunohistochemistry with rat sensory ganglia tissue

TRPA1



Western Blotting

Image 3. Host: Rabbit Target Name: TRPA1 Sample Tissue: Human HepG2 Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2776190.