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Datasheet for ABIN501066

## anti-TRPC6 antibody (N-Term)

2 Images

1 Publication

### Overview

Quantity:	0.1 mg
Target:	TRPC6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPC6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

### Product Details

Immunogen:	TRPC6 antibody was raised against a 14 amino acid peptide from near the amino terminus of human TRPC6.
Isotype:	IgG
Specificity:	This antibody detects TRPC6 / TRP6 at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse
Purification:	Peptide affinity chromatography

### Target Details

Target:	TRPC6
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## Target Details

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Alternative Name:	TRPC6 ( <a href="#">TRPC6 Products</a> )
Background:	The mammalian transient receptor potential (TRP) superfamily can be divided into three major families including the Synonyms: Short transient receptor potential channel 6, TRP-6, Transient receptor protein 6
Gene ID:	7225

## Application Details

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Application Notes:	ELISA. Western blot: 0.5 - 1 µg/mL. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

## Handling

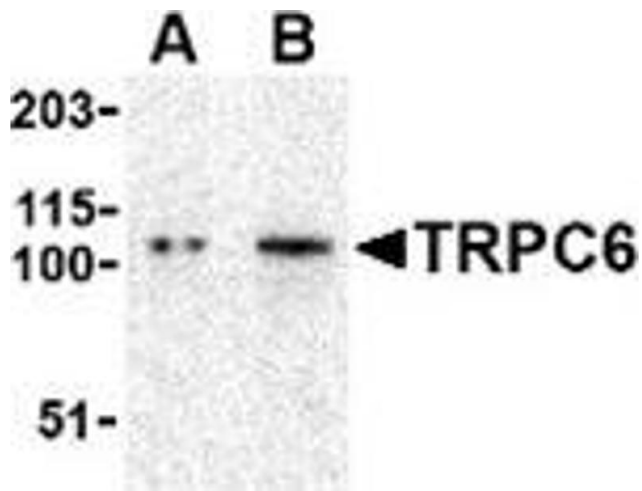
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Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.

## Publications

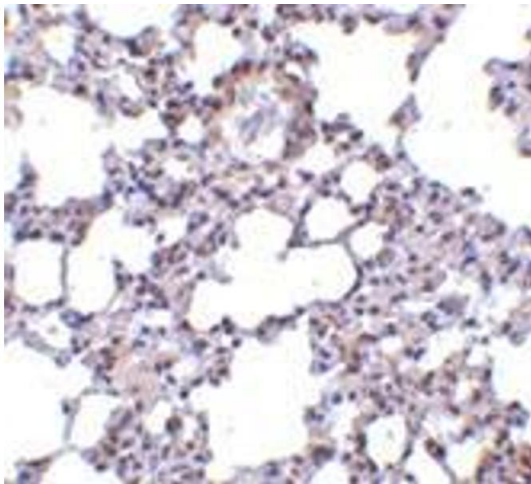
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Product cited in:	Sampat, Dermksian, Oungoulian, Winchester, Bulinski, Ateshian, Hung: "Applied osmotic loading for promoting development of engineered cartilage." in: <b>Journal of biomechanics</b> , Vol. 46, Issue 15, pp. 2674-81, (2013) ( <a href="#">PubMed</a> ).
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#### Western Blotting

**Image 1.** Western blot analysis of TRPC6 in K562 cell lysate with this product at (A) 0.5 and (B) 1  $\mu\text{g/ml}$ .



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of TRPC6 in mouse lung tissue with this product at 10  $\mu\text{g/ml}$ .