

## Anti-KCTD9 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Horse,Rabbit)
Molecular Weight:	Theoretical: 43 kDa. Actual: 45 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Sample: A549 (Human) Cell Lysate at 40 µg Primary: Anti-KCTD9 (TMAB-07966) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kD Observed band size: 43 kD
	2. Sample: Lane 1: Human HepG2 cell lysates Lane 2: Human SiHa cell lysates Primary: Anti-KCTD9 (TMAB-07966) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kDa Observed band size: 45 kDa
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human KCTD9
Antigen Species:	Human
Gene ID:	54793
Uniprot ID:	Q7L273

## Research Background

KCTD9 contains a potassium channel tetramerisation domain. The N-terminal, cytoplasmic tetramerisation domain (T1) of voltage-gated potassium channels encodes molecular determinants for subfamily-specific assembly of alpha-subunits into functional tetrameric channels. The specific function of KCTD9 is unknown.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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