

Datasheet for ABIN2790457  
**anti-ALG10 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	ALG10
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALG10 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human ALG10
Sequence:	AVFCAGNVIA QKLTEAWKTE LQKKEDRLPP IKGPF AEFRK ILQFL LAYSM
Predicted Reactivity:	Cow: 87%, Dog: 87%, Guinea Pig: 87%, Horse: 87%, Human: 100%, Mouse: 79%, Rabbit: 90%, Rat: 87%
Characteristics:	This is a rabbit polyclonal antibody against ALG10. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	ALG10
Alternative Name:	ALG10 ( <a href="#">ALG10 Products</a> )



## Target Details

Background:	<p>This gene encodes a membrane-associated protein that adds the third glucose residue to the lipid-linked oligosaccharide precursor for N-linked glycosylation. That is, it transfers the terminal glucose from dolichyl phosphate glucose (Dol-P-Glc) onto the lipid-linked oligosaccharide Glc2Man9GlcNAc(2)-PP-Dol. The rat protein homolog was shown to specifically modulate the gating function of the rat neuronal ether-a-go-go (EAG) potassium ion channel.</p> <p>Alias Symbols: DIE2, FLJ14751, KCR1</p> <p>Protein Interaction Partner: UBC, KCNH1, KCNH2,</p> <p>Protein Size: 473</p>
Molecular Weight:	55 kDa
Gene ID:	84920
NCBI Accession:	<a href="#">NM_032834</a> , <a href="#">NP_116223</a>
UniProt:	<a href="#">Q5BKT4</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 473 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.





Western Blotting

**Image 1.** WB Suggested Anti-ALG10 Antibody Titration: 1.0 ug/ml Positive Control: Placenta