



Datasheet for ABIN2778157
anti-ARHGDIG antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	ARHGDIG
Binding Specificity:	N-Term
Reactivity:	Human, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGDIG antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ARHGDIG
Sequence:	DEAVPEYRAP GRKSLLEIRQ LDPDDRSLAK YKRVLLGPLP PAVDPSLPN
Predicted Reactivity:	Horse: 77%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against ARHGDIG. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ARHGDIG
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Target Details

Alternative Name:	ARHGDIG (ARHGDIG Products)
Background:	<p>ARHGDIG is highly expressed in the entire brain, with regional variations. The mRNA is also present at high levels in kidney and pancreas and at moderate levels in spinal cord, stomach, and pituitary gland. ARHGDIG is mapped to chromosome band 16p13.3 which is rich in deletion mutants of genes involved in several human diseases, notably polycystic kidney disease, alpha-thalassemia, tuberous sclerosis, mental retardation, and cancer.</p> <p>Alias Symbols: RHOGDI-3</p> <p>Protein Interaction Partner: CEP170P1, KXD1, RAC1, RHOH, RHOG, RHOA, RHOB, CDC42,</p> <p>Protein Size: 225</p>
Molecular Weight:	25 kDa
Gene ID:	398
NCBI Accession:	NM_001176 , NP_001167
UniProt:	Q99819

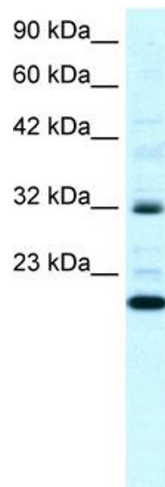
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 225 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-ARHGDIG Antibody Titration:
0.2-1 ug/ml Positive Control: Daudi cell lysate