

Datasheet for ABIN5514508
anti-Arhgef9 antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Arhgef9
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Arhgef9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ARHGEF9
Sequence:	VPKQKGVNSA RSVPPSYPPP QDPLNHGQYL VPDGIAQSQV FEFTEPKRSQ
Purification:	Affinity purified

Target Details

Target:	Arhgef9
Alternative Name:	ARHGEF9 (Arhgef9 Products)
Background:	The protein encoded by this gene is a Rho-like GTPase that switches between the active (GTP-bound) state and inactive (GDP-bound) state to regulate CDC42 and other genes. Defects in this gene are a cause of startle disease with epilepsy (STHEE), also known as hyperekplexia with

Target Details

epilepsy. Three transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: PEM2, EIEE8, PEM-2, HPEM-2, COLLYBISTIN

Protein Size: 167

Gene ID:	23229
NCBI Accession:	NM_001173479 , NP_001166950
UniProt:	O43307
Pathways:	Neurotrophin Signaling Pathway

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
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.
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.