

Datasheet for ABIN2790791

anti-IQSEC2 antibody (Middle Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	IQSEC2
Binding Specificity:	Middle Region
Reactivity:	Mouse, Human, Rat, Cow, Guinea Pig, Horse, Rabbit, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IQSEC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human IQSEC2
Sequence:	ARTIQTAFRQ YRMNKNFERL RSSASESRMS RRIILSNMRM QFSFEEYEKA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against IQSEC2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	IQSEC2
Alternative Name:	IQSEC2 (IQSEC2 Products)

Target Details

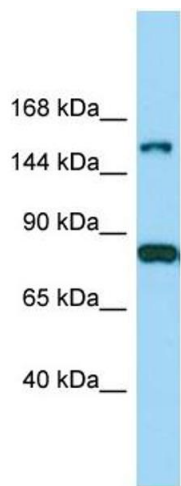
Background:	This gene encodes a guanine nucleotide exchange factor for the ARF family of small GTP-binding proteins. The encoded protein is a component of the postsynaptic density at excitatory synapses, and may play a critical role in cytoskeletal and synaptic organization through the activation of selected ARF substrates including ARF1 and ARF6. Mutations in this gene have been implicated in nonsyndromic X-linked mental retardation. Alias Symbols: BRAG1, KIAA0522 Protein Interaction Partner: UBC, ELAVL1, Protein Size: 1488
Molecular Weight:	163 kDa
Gene ID:	23096
NCBI Accession:	NM_001111125 , NP_001104595

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1488 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. Host: Rabbit Target Name: IQSEC2 Sample Type: MDA-MB-435S Whole Cell lysates Antibody Dilution: 1.0ug/ml IQSEC2 is supported by BioGPS gene expression data to be expressed in MDA-MB435