

Datasheet for ABIN6138803
anti-Contactin 4 antibody (AA 448-697)



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1 Image

Overview

Quantity:	100 µL
Target:	Contactin 4 (CNTN4)
Binding Specificity:	AA 448-697
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Contactin 4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 448-697 of human CNTN4 (NP_001193885.1).
Sequence:	VGVFNNKGEG PFSPTTVVYS AEEEEPTKPPA SIFARLSAT DIEVFWASPL EKNRGRIQGY EVKYWRHEDK EENARKIRTV GNQTSTKITN LKGSVLYHLA VKAYNSAGTG PSSATVNVTT RKPPPSQPPG NIIWNSSDSK IILNWDQVKA LDNESEVKGY KVLRYRWNQRS STSVIETNKT SVELSLPFDE DYIIEIKPFS DGGDGSSEQ IRIPKISNAY ARGSGASTSN ACTLSAISTI MISLTARSSL
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

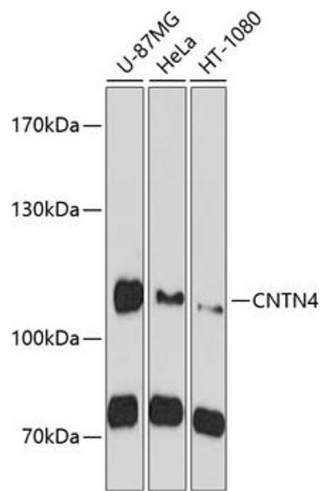
Target:	Contactin 4 (CNTN4)
Alternative Name:	CNTN4 (CNTN4 Products)
Background:	<p>This gene encodes a member of the contactin family of immunoglobulins. Contactins are axon-associated cell adhesion molecules that function in neuronal network formation and plasticity. The encoded protein is a glycosylphosphatidylinositol-anchored neuronal membrane protein that may play a role in the formation of axon connections in the developing nervous system. Deletion or mutation of this gene may play a role in 3p deletion syndrome and autism spectrum disorders. Alternative splicing results in multiple transcript variants.,CNTN4,AXCAM,BIG-2,Cell Biology & Developmental Biology,Cell Adhesion,Neuroscience,CNTN4</p>
Molecular Weight:	31 kDa/76 kDa/113 kDa
Gene ID:	152330
UniProt:	Q8IWW2

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CNTN4 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.