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Datasheet for ABIN2782828

## anti-Calsyntenin 3 antibody (N-Term)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	Calsyntenin 3 (CLSTN3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rabbit, Cow, Rat, Guinea Pig, Horse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calsyntenin 3 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 CLSTN3
Sequence:	QICYEILTP NTPFLIDNDG NIENTEKLQY SGERLYKFTV TAYDCGKKRA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CLSTN3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

#### Target Details

Target:	Calsyntenin 3 (CLSTN3)
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## Target Details

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Alternative Name:	CLSTN3 ( <a href="#">CLSTN3 Products</a> )
Background:	CLSTN3 may modulate calcium-mediated postsynaptic signals. Complex formation with APBA2 and APP,CLSTN3 stabilizes APP metabolism and enhances APBA2-mediated suppression of beta-APP40 secretion, due to the retardation of intracellular APP maturation. Alias Symbols: CSTN3, KIAA0726, MGC131797, MGC138488, alcbeta, CDHR14 Protein Interaction Partner: APBA2, Protein Size: 956
Molecular Weight:	106 kDa
Gene ID:	9746
NCBI Accession:	<a href="#">NM_014718</a> , <a href="#">NP_055533</a>
UniProt:	<a href="#">Q9BQT9</a>

## Application Details

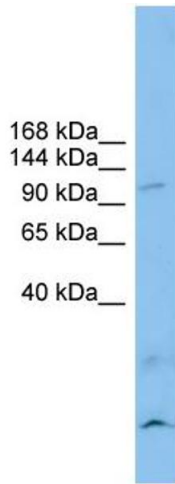
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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 956 AA
Restrictions:	For Research Use only

## Handling

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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-CLSTN3 Antibody Titration:  
0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: RPMI  
8226 cell lysate