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## Datasheet for ABIN758741 **anti-ADAM11 antibody (AA 351-450)**

### Overview

Quantity:	100 µL
Target:	ADAM11
Binding Specificity:	AA 351-450
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAM11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ADAM11
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Sheep
Purification:	Purified by Protein A.

### Target Details

Target:	ADAM11
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## Target Details

Alternative Name:	ADAM11 ( <a href="#">ADAM11 Products</a> )
Background:	<p>Synonyms: A disintegrin and metalloproteinase domain 11, ADA11_HUMAN, MDC, Metalloproteinase like, disintegrin like, and cysteine rich protein.</p> <p>Background: ADAM11 was first described as MDC (Metalloproteinase-like disintegrin-like cysteine-rich protein) from analysis of human brain libraries, in search of brain-specific proteins. Two splice variants with different carboxyterminal ends were described. The message was found only in the brain in this publication. Another group identified ADAM11 in the human brain, where ADAM11 was thought to be involved in cell migration and spatial patterning. ADAM11 was mapped to 17q21.3, a region of interest for breast cancer, and mutations in ADAM11 are associated with some breast cancers. Retinoic acid caused a doubling in ADAM11 message levels over 24 hours in NT2/D1 cells, a human embryonic carcinoma cell line. ADAM11 null mutant mice have deficits in spatial learning and motor coordination, although they did have normal cell migration and differentiation during development. ADAM11 is a member of the ADAMs family (A Disintegrin And Metalloproteinase), but does not contain the canonical HExxHxxxxH zinc-binding metalloproteinase catalytic site. The domain structure of the full-length ADAM11 includes a signal sequence, propeptide domain, metalloproteinase-like domain, disintegrin-like domain, cys-rich domain, EGF-like domain, a spacer region, then the transmembrane domain and a short cytoplasmic domain.</p>
Gene ID:	4185

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL

## Handling

Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months