



# ADA30 Polyclonal Antibody

<b>Catalog No</b>	BYab-05283
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	ADAM30 UNQ2509/PRO5997
<b>Protein Name</b>	Disintegrin and metalloproteinase domain-containing protein 30 (ADAM 30) (EC 3.4.24.-)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 400-480
<b>Specificity</b>	ADA30 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	86kD
<b>Cell Pathway</b>	Late endosome membrane ; Single-pass type I membrane protein .
<b>Tissue Specificity</b>	Expressed in brain neurons (at protein level) (PubMed:27333034). Expressed in testis (PubMed:10512762).
<b>Function</b>	cofactor: Binds 1 zinc ion per subunit., domain: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme., function: May be involved in spermatogenesis and fertilization., similarity: Contains 1 disintegrin domain., similarity: Contains 1 EGF-like domain., similarity: Contains 1 peptidase M12B domain., tissue specificity: Expressed specifically in testis.,
<b>Background</b>	ADAM metalloproteinase domain 30(ADAM30) Homo sapiens This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of

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biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This gene is testis-specific and contains a polymorphic region, resulting in isoforms with varying numbers of C-terminal repeats. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**