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Datasheet for ABIN2790241
anti-ADAMTS14 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	ADAMTS14
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Guinea Pig, Dog, Horse, Zebrafish (Danio rerio), Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS14 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 ADAMTS14
Sequence:	REAVQEWAE PDGDLHNEAF GLGDLPNLLG LVGDQLGDTE RKRRHAKPGS
Predicted Reactivity:	Cow: 79%, Dog: 93%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 86%, Rat: 100%, Zebrafish: 82%
Characteristics:	This is a rabbit polyclonal antibody against ADAMTS14. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ADAMTS14
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Target Details

Alternative Name: [ADAMTS14 \(ADAMTS14 Products\)](#)

Background: This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. This gene is highly similar to two family members, ADAMTS2 and ADAMTS3, in its sequence and gene structure, and the encoded protein shares the aminoprocollagen peptidase activity with the protein products encoded by ADAMTS2 and ADAMTS3

Alias Symbols: FLJ32820

Protein Size: 1226

Molecular Weight: 107 kDa

Gene ID: 140766

NCBI Accession: [NM_139155](#), [NP_631894](#)

UniProt: [Q5T4G1](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 1226 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.

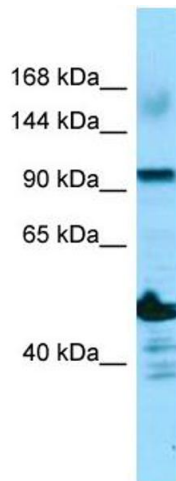
Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-ADAMTS14 Antibody Titration:
1.0 ug/ml Positive Control: OVCAR-3 Whole Cell