

Datasheet

ADAM10 polyclonal antibody

Catalog Number: PAB9756

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of ADAM10.

Immunogen: A synthetic peptide corresponding to amino acids 732-748 of human ADAM10.

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.02% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 102

Gene Symbol: ADAM10

Gene Alias: AD10, CD156c, HsT18717, MADM, kuz

Gene Summary: Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. This gene encodes an ADAM family member that cleaves many proteins including TNF-alpha and E-cadherin. [provided by RefSeq]

References:

1. Processing of the notch ligand delta by the metalloprotease Kuzbanian. Qi H, Rand MD, Wu X,

Sestan N, Wang W, Rakic P, Xu T, Artavanis-Tsakonas S. Science. 1999 Jan 1;283(5398):91-4.

2. Identification and characterization of a pro-tumor necrosis factor-alpha-processing enzyme from the ADAM family of zinc metalloproteases. Rosendahl MS, Ko SC, Long DL, Brewer MT, Rosenzweig B, Hedl E, Anderson L, Pyle SM, Moreland J, Meyers MA, Kohno T, Lyons D, Lichenstein HS. J Biol Chem. 1997 Sep 26;272(39):24588-93.

3. Kuzbanian controls proteolytic processing of Notch and mediates lateral inhibition during Drosophila and vertebrate neurogenesis. Pan D, Rubin GM. Cell. 1997 Jul 25;90(2):271-80.