



## Rabbit Anti-ADAM10/MADM antibody

SL3574R

<b>Product Name:</b>	ADAM10/MADM
<b>Chinese Name:</b>	去整合素样金属蛋白酶10抗体
<b>Alias:</b>	A disintegrin and metalloprotease domain 10; A Disintegrin And Metalloproteinase Domain 10; ADAM 10; ADAM metalloproteinase domain 10; CD 156c; CD156c; CD156c antigen; CDw156 antibody HsT 18717; HsT18717; kuz; kuzbanian; Kuzbanian protein homolog; MADM; Mammalian disintegrin metalloprotease; ADA10_HUMAN; RAK; kuz; AD10.
<b>文献引用</b> <b>PubMed</b> :	<p><b>Specific References(2)</b> SL3574R has been referenced in 2 publications.</p> <p><b>[IF=2.08]</b>Li, Qing, et al. "Identification of ADAM10 and ADAM17 with potential roles in the spermatogenesis of the Chinese mitten crab, Eriocheir sinensis." Gene(2015).<b>WB</b>;  <a href="#">PubMed:25703701</a></p> <p><b>[IF=12.04]</b>Angenendt, L., et al. "An atlas of bloodstream-accessible bone marrow proteins for site-directed therapy of acute myeloid leukemia." Leukemia(2017).<b>IHC-P;Rat, Human</b>.  <a href="#">PubMed:28663580</a></p>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	84kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml

<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ADAM10:501-600/748<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>ADAM10 is a member of the ADAM (a disintegrin and metalloprotease like domain) family. It cleaves the membrane-bound precursor of TNF-alpha at 76-Ala- -Val-77 to its mature soluble form and is responsible for the proteolytic release of several cell-surface proteins, including heparin binding epidermal growth-like factor, ephrin-A2 and for constitutive and regulated alpha-secretase cleavage of amyloid precursor protein (APP). It contributes to the normal cleavage of the cellular prion protein and is involved in the cleavage of the adhesion molecule L1 at the cell surface and in released membrane vesicles, suggesting a vesicle-based protease activity.</p> <p><b>Subunit:</b> Heteromultimeric cytoplasmic complex with HSP90, HSP70, and FKBP5 or another immunophilin, or the immunophilin homolog PPP5C. Directly interacts with UNC45A. Upon ligand binding FKBP5 dissociates from the complex and FKBP4 takes its place, thereby linking the complex to dynein and mediating transport to the nucleus, where the complex dissociates (By similarity). Binds to DNA as a homodimer, and as a heterodimer with NR3C2 or the retinoid X receptor. Binds STAT5A and STAT5B homodimers and heterodimers. Interacts with NRIP1, POU2F1, POU2F2 and TRIM28. Interacts with NCOA1, NCOA3, SMARCA4, SMARCC1, SMARCD1, and SMARCE1 (By similarity). Interacts with several coactivator complexes, including the SMARCA4 complex, CREBBP/EP300, TADA2L and p160 coactivators such as NCOA2 and NCOA6. Interaction with BAG1 inhibits transactivation. Interacts with HEXIM1, PELP1 and TGFB111.</p> <p><b>Subcellular Location:</b> Cytoplasm. Nucleus. Note=Cytoplasmic in the absence of ligand, nuclear after ligand-binding. Isoform Beta: Nucleus. Note=Localized largely in the nucleus.</p> <p><b>Tissue Specificity:</b> Widely expressed. In the heart, detected in left and right atria, left and right ventricles, aorta, apex, intraventricular septum, and atrioventricular node as well as whole adult and fetal heart.</p> <p><b>Similarity:</b> Belongs to the nuclear hormone receptor family. NR3 subfamily. Contains 1 nuclear receptor DNA-binding domain.</p>

**SWISS:**  
O14672

**Gene ID:**  
102

**Database links:**

[Entrez Gene: 102](#) Human

[Entrez Gene: 11487](#) Mouse

[Oimim: 602192](#) Human

[SwissProt: O14672](#) Human

[SwissProt: O35598](#) Mouse

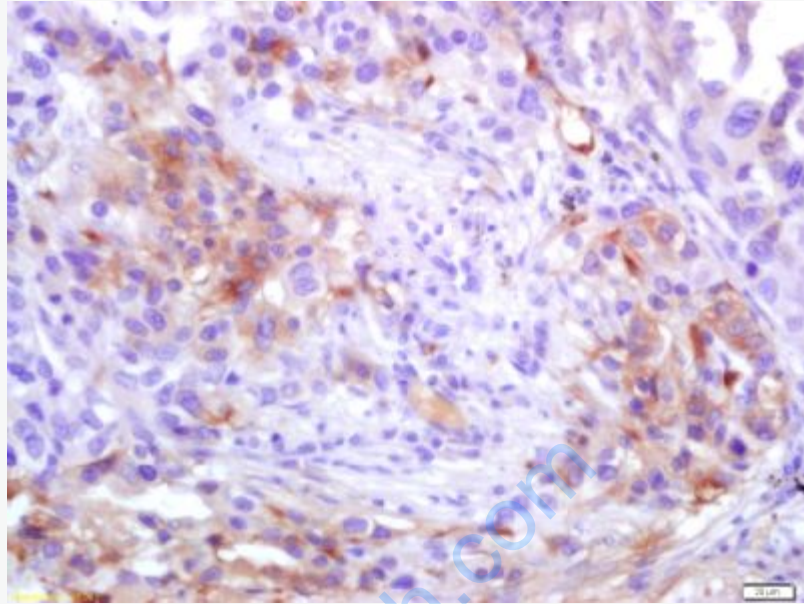
[Unigene: 172028](#) Human

[Unigene: 578508](#) Human

[Unigene: 3037](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**Picture:**

Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-ADAM10 Polyclonal Antibody, Unconjugated(SL3574R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining