




Rabbit Anti-ADM2 antibody

SL2985R

Product Name:	ADM2
Chinese Name:	中介素抗体
Alias:	ADM2; IMD; Intermedin; Adrenomedullin-2; AM2; IMDL; IMDS; ADM2_HUMAN; Adrenomedullin 2; dJ579N16.4; FLJ21135; IMDL; Intermedin-long; Intermedin-short.
文献引用  :	<p>Specific References(2) SL2985R has been referenced in 2 publications.</p> <p>[IF=4.24]Nagasaki, Shuji, et al. "Induction of adrenomedullin2/intermedin expression by thyroid stimulating hormone in thyroid." Molecular and Cellular Endocrinology (2014).IHC-P;Rat. PubMed:25102228</p> <p>[IF=2.27]M?ller, Martin Nue, et al. "The human endolymphatic sac expresses natriuretic peptides." The Laryngoscope (2017).IHC;Human. PubMed:28295370</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,Rabbit,
Applications:	ELISA=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.
Molecular weight:	5.2kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Intermedin:75-148/148
Lsotype:	IgG
Purification:	affinity purified by Protein A

Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	<p>This gene encodes a protein which is a member of the calcitonin-related hormones. The encoded protein is involved in maintaining homeostasis in many tissues, acting via CRLR/RAMP receptor (calcitonin receptor-like receptor/receptor activity-modifying protein) complexes. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Dec 2011].</p> <p>TISSUE SPECIFICITY:High expression detected in the submaxillary gland, kidney, stomach, and mesentery, followed by the pituitary, lung, pancreas, intestines, spleen, thymus and ovary. Expressed mainly in the intermediate lobe of the pituitary, with sporadic in the anterior lobe.</p> <p>Function: IMDL and IMDS may play a role as physiological regulators of gastrointestinal, cardiovascular bioactivities mediated by the CALCRL/RAMPs receptor complexes. Activates the cAMP-dependent pathway.</p> <p>Subcellular Location: Secreted.</p> <p>Tissue Specificity: Expressed in the esophagus, stomach, jejunum, ileum, ileocecum, ascending colon, transverse colon, descending colon and rectum. Expressed in myocardial cells of the heart, renal tubular cells, hypothalamus, and pituitary.</p> <p>Similarity: Belongs to the adrenomedullin family.</p> <p>SWISS: Q7Z4H4</p> <p>Gene ID: 79924</p> <p>Database links:</p> <p>Entrez Gene: 79924Human</p> <p>Entrez Gene: 223780Mouse</p> <p>Entrez Gene: 399475Rat</p> <p>Omim: 608682Human</p>

[SwissProt: Q7Z4H4](#)Human

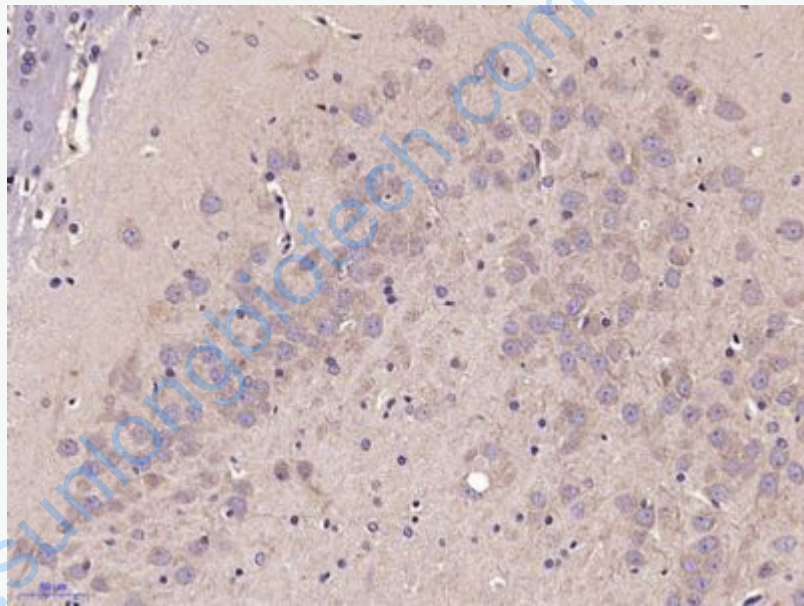
[SwissProt: Q7TNK8](#)Mouse

[SwissProt: P61312](#)Rat

[Unigene: 449099](#)Human

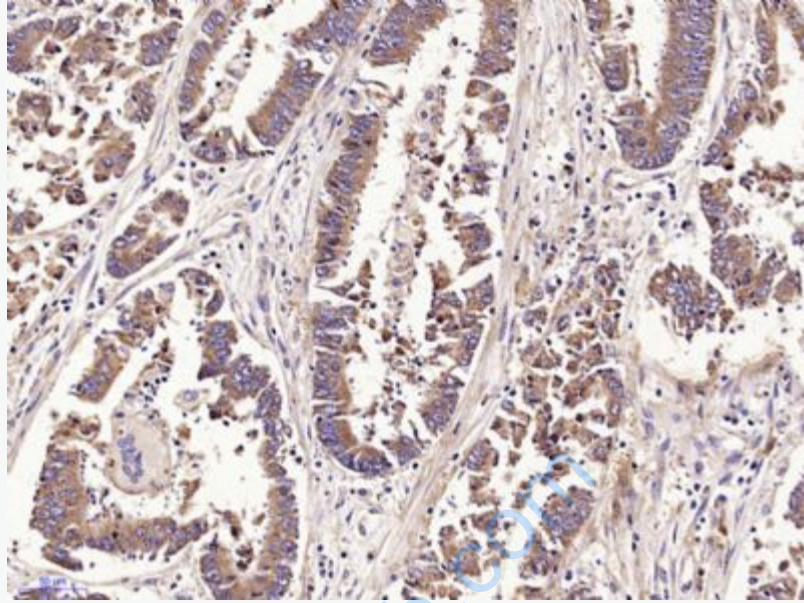
Important Note:

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

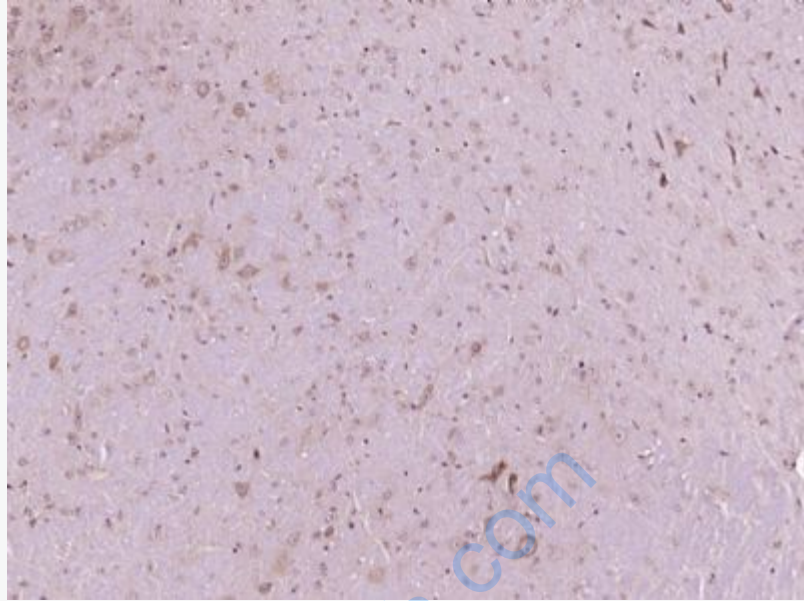


Picture:

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (ADM2) Polyclonal Antibody, Unconjugated (SL2985R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP)and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human stomach carcinoma); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (ADM2) Polyclonal Antibody, Unconjugated (SL2985R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ADM2) Polyclonal Antibody, Unconjugated (SL2985R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.