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Product datasheet for TA308706

APJ Receptor (APLNR) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human, Mouse (Predicted: Rhesus Monkey)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region within amino acids 284 and 376 of Apelin Receptor (Uniprot ID#P35414)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	apelin receptor
Database Link:	NP_005152 Entrez Gene 23796 MouseEntrez Gene 187 Human P35414
Background:	There are at least two distinct receptor subtypes of angiotensin II: angiotensin II receptor, type 1 (AGTR1) and angiotensin II receptor, type 2 (AGTR2). Most of the effects of angiotensin II are mediated by the AGTR1 receptor. This gene is related to the AGTR1 gene by sequence similarity. It was cloned based on a conserved transmembrane domain found in members of the G protein-coupled receptor (GPCR) gene family. [provided by RefSeq]
Synonyms:	AGTRL1; APJ; APJR; HG11
Note:	Seq homology of immunogen across species: Rhesus Monkey (100%)
Protein Families:	Druggable Genome, GPCR, Transmembrane

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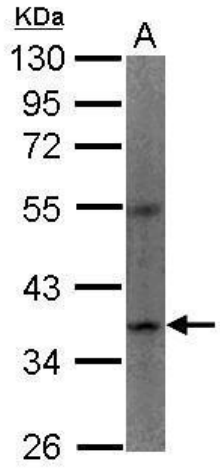
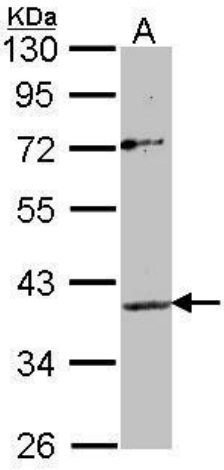
Protein Pathways: Neuroactive ligand-receptor interaction

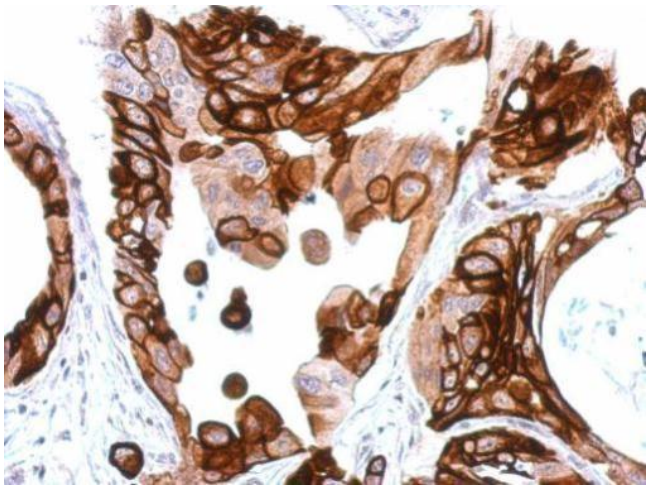
Product images:



Sample (50 ug of whole cell lysate). A: mouse brain. 10% SDS PAGE. TA308706 diluted at 1:1000.



Sample (30 ug of whole cell lysate). A: Raji. 10% SDS PAGE. TA308706 diluted at 1:500.



Apelin Receptor antibody [C2C3], C-term detects APLNR protein at membrane on Gastric carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded Gastric carcinoma. Apelin Receptor antibody [C2C3], C-term (TA308706) dilution: 1:500.