

## APJ polyclonal antibody

Catalog: BS66249

Host: Rabbit

Reactivity: Human, Mouse, Rat, Chicken

### BackGround:

This gene encodes a member of the G protein-coupled receptor gene family. The encoded protein is related to the angiotensin receptor, but is actually an apelin receptor that inhibits adenylate cyclase activity and plays a counter-regulatory role against the pressure action of angiotensin II by exerting hypertensive effect. It functions in the cardiovascular and central nervous systems, in glucose metabolism, in embryonic and tumor angiogenesis and as a human immunodeficiency virus (HIV-1) coreceptor. Two transcript variants resulting from alternative splicing have been identified. [provided by RefSeq

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 42 kDa

### Swiss-Prot:

P35414

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:1000 | IHC, 1:50 - 1:100 | IF/ICC, 1:50 - 1:200

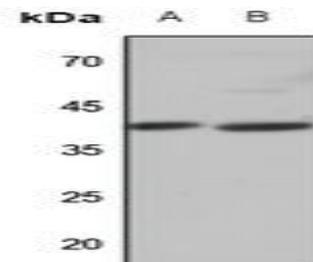
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

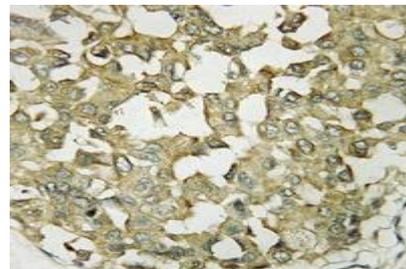
### Specificity:

APJ polyclonal Antibody detects endogenous levels of APJ protein.

### DATA:



Western blot analysis of APJ expression in H460 (A), mouse lung (B) whole cell lysates.



Immunohistochemical analysis of APJ staining in human brain formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of APJ staining in MCF7 cells.

### Note:

For research use only, not for use in diagnostic procedure.

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