## bs-21310R

## [ Primary Antibody ]

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 187 **SWISS:** P35414

Target: Apelin Receptor

Immunogen: KLH conjugated synthetic peptide derived from human Apelin

Receptor: 181-280/380. < Cytoplasmic >

**Purification:** affinity purified by Protein A

Apelin Receptor Rabbit pAb

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

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

**Applications: WB** (1:500-2000)

Reactivity: Mouse (predicted: Human,

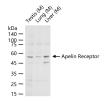
Rat, Rabbit, Chicken, Dog,

Horse)

Predicted 42 kDa MW.:

Subcellular Cell membrane

## VALIDATION IMAGES -



25 ug total protein per lane of various lysates (see on figure) probed with Apelin Receptor polyclonal antibody, unconjugated (bs-21310R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.