

## MC1-R (V312) polyclonal antibody

Catalog: BS2735

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

The melanocortin family comprises the  $\alpha$ -,  $\beta$ - and  $\gamma$ -melanocyte stimulating hormones (MSH) and adrenocorticotrophin. The receptors for these hormones are seven-transmembrane G protein-coupled proteins that activate adenylyl cyclase. Five melanocortin receptors have been cloned and shown to exhibit different affinities and patterns of expression. MC1-R (MSH-R) is expressed in melanocytes and corticoadrenal tissue. MC2-R is the ACTH receptor and is expressed primarily in the adrenal cortex. MC3-R has been found in specific regions of the brain and is also expressed in placenta and gut. MC4-R is expressed primarily in brain, while MC5-R is expressed at low levels in most tissues.

### Product:

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

### Molecular Weight:

~ 35 kDa

### Swiss-Prot:

Q01726

### 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

IF: 1:50~1:200

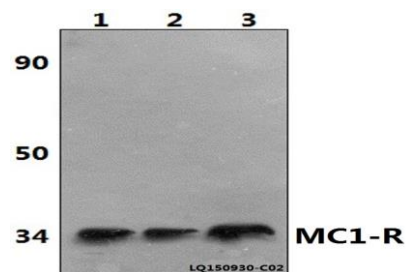
### Storage&Stability:

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

### Specificity:

MC1-R (V312) polyclonal antibody detects endogenous levels of MC1-R protein.

### DATA:



Western blot (WB) analysis of MC1-R (V312) polyclonal antibody at 1:1000 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:The Brain tissue lysate of Rat(40ug)

Lane3:The Brain tissue lysate of Mouse(40ug)

### Note:

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

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