

OPRL1 polyclonal antibody

Catalog: BS8068

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Endogenous opioid peptides and opiates like morphine mediate their cellular effects through membrane bound receptors. Three different types of opioid receptors have been identified, mu-type, delta-type and kappa-type. A fourth opioid receptor, KOR-3 (kappa-type opioid receptor, also designated ORL1- Opioid Receptor Like 1), has been identified. Though closely related genetically to the other opioid receptors, KOR-3 has a distinct pharmacological profile. Nociceptin, the neuropeptide which activates KOR-3, is structurally similar to the kappa-opioid peptide dynorphin A, but quite different in its mode of interaction with its receptor. KOR-3 is widely expressed in the nervous system, and is likely to modulate a broad range of physiological and behavioral functions.

Product:

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

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P41146

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:2000

IHC: 1:50~1:200

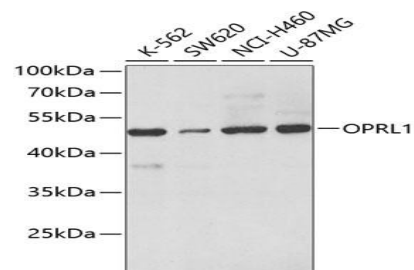
Storage&Stability:

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

Specificity:

OPRL1 polyclonal antibody detects endogenous levels of OPRL1 protein.

DATA:



WesternBlot (WB) analysis of OPRL1 polyclonal antibody

Note:

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

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