KALRN polyclonal antibody

Catalog: BS5704 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

HAP1 (huntingtin-associated protein 1) binds to huntingtin. Huntingtin is a protein that contains a polyglutamine region and when the number of glutamine repeats exceeds 35, the gene encodes a version of huntingtin that leads to Huntington's disease (HD). The ability of HAP1 to bind to huntingtin is enhanced by an expanded polyglutamine repeat region. HAP1 shows neuronal localization and moves with huntingtin in nerve fibers. HAP1 is primarily expressed in brain tissue, with greater expression in the olfactory bulb and brain stem. Mouse HAP1 is localized to membrane-bound organelles including large endosomes, tubulovesicular structures and budding vesicles in neurons. Duo, also designated huntingtin-associated protein interacting protein or HAPIP, binds Huntingtin-associated protein 1 (HAP1) and may have a role in vesicle trafficking and cytoskeletal function.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 192, 350 kDa

Swiss-Prot:

O60229

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

ICC: 1:50~1:200

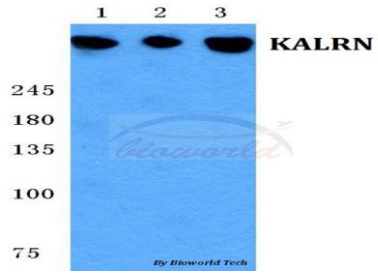
Storage&Stability:

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

Specificity:

KALRN polyclonal antibody detects endogenous levels of KALRN protein.

DATA:



Western blot (WB) analysis of GPR15 pAb at 1:500 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:SGC7901 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:The Uterus tissue lysate of Mouse(40ug)

Lane5:The Uterus tissue lysate of Rat(40ug)

Note:

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

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