

IRAK-2 (V235) polyclonal antibody

Catalog: BCP00976

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The interleukin-1 receptor-associated kinases (IRAKs) are important downstream signaling components of Toll-like receptors (TLRs). Four mammalian IRAKs have been found, namely IRAK-1, IRAK-2, IRAK-4, and IRAK-M, all of which share sequence homology to the *Drosophila melanogaster* protein kinase Pelle, and all contain a death domain (DD). The DD is used for protein-protein interactions with the DDs of other molecules, IRAK2 uses its DD to mediate its interaction with MyD88. The IRAKs have putative kinase domains, although IRAK1 has dispensable kinase activity because interleukin-1-induced NF- κ B activation could still be driven by a kinase-inactive mutant. Due to the absence of certain key residues within their putative kinase domains, both IRAK2 and IRAK-M are catalytically inactive.

Product:

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

Molecular Weight:

~ 62 kDa

Swiss-Prot:

O43187

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

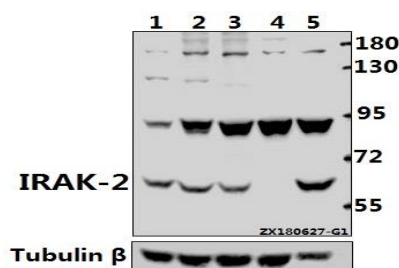
Storage&Stability:

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

Specificity:

IRAK-2 (V235) polyclonal antibody detects endogenous levels of IRAK-2 protein.

DATA:



Western blot (WB) analysis of IRAK-2 (V235) pAb at 1:1000 dilution

Lane1:H9C2 whole cell lysate(40ug)

Lane2:AML-12 whole cell lysate(40ug)

Lane3:H1792 whole cell lysate(40ug)

Lane4:K562 whole cell lysate(40ug)

Lane5:L02 whole cell lysate(40ug)

Note:

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