

Ksr2 (I694) polyclonal antibody

Catalog: BS2321

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Kinase suppressor of Ras (Ksr) and MAP kinase kinase (MEKK3) are integral members of the MAP kinase pathway. Ksr is a conserved protein that positively regulates Ras signaling and may function as a scaffold for Raf, MEK and ERK. There are two types of Ksr proteins: Ksr-1 and Ksr-2. Ksr-2 plays a key role in Ras-mediated signaling during germline meiotic progression and functions redundantly with Ksr-1 during the development of the excretory system pathway, hermaphrodite vulva, and male spicules. Ksr-2 also functions as a negative regulator of the MEKK3-mediated activation of the MAP kinase pathways (specifically ERK and JNK) and of the NF κ B pathways, and it simultaneously inhibits MEKK3-mediated Il-8 production.

Product:

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

Molecular Weight:

~ 108 kDa

Swiss-Prot:

Q6VAB6

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

IHC: 1:50~1:200

IF: 1:50~1:200

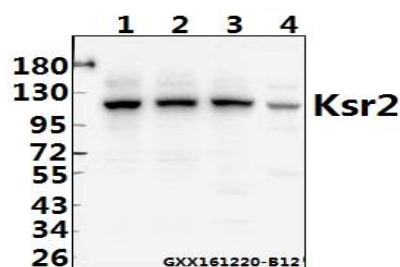
Storage&Stability:

Store at 4 $^{\circ}$ C short term. Aliquot and store at -20 $^{\circ}$ C long term. Avoid freeze-thaw cycles.

Specificity:

Ksr2 (I694) polyclonal antibody detects endogenous levels of Ksr2 protein.

DATA:



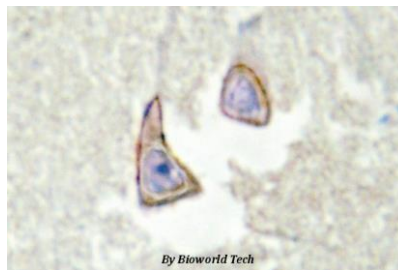
Western blot (WB) analysis of Ksr2 (I694) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:AML-12 whole cell lysate(40ug)

Lane4:C6 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Ksr2 (I694) pAb in paraffin-embedded human brain tissue.

Note:

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

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