

ILF2 polyclonal antibody

Catalog: BS90710

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

NF45 (ILF2, nuclear factor of activated T cells 45 kDa) is a transcription factor that interacts with NF90 (ILF3, DRBP76) to regulate gene expression. NF45 and NF90 are proteins that belong to the double-stranded RNA-binding protein family and both are substrates for the dsRNA-activated protein kinase, PKR. The NF45/NF90 heterodimer is mainly involved in regulating IL-2 expression by binding to the antigen receptor response element (ARRE) target sequence of the IL-2 enhancer. In neuronal cells, the NF45/NF90 heterodimer can repress human rhinovirus type 2 replication by binding to a 5' untranslated region of the viral RNA that encodes the internal ribosome entry site (IRES).

Product:

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

Molecular Weight:

43 kDa

Swiss-Prot:

Q12905(Human) Q9CXY6(Mouse) Q7TP98(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500

IHC:1:50-1:200

FC:1:50-1:100

IP:1:10-1:20

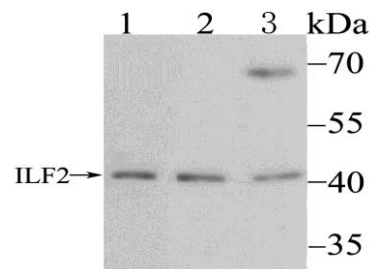
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

ILF2 polyclonal antibody detects endogenous levels of ILF2 protein.

DATA:



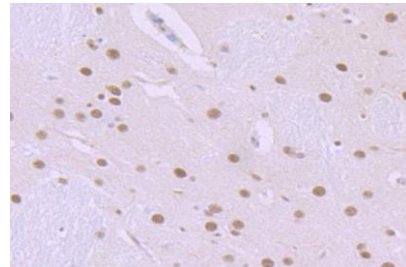
Western blot analysis of ILF2 on different cell lysates using anti-ILF2 antibody at 1/500 dilution.

Positive control:

Lane 1: Mouse testis tissue

Lane 2: HL-60

Lane 3: SH-SY-5Y



Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-ILF2 antibody. Counter stained with hematoxylin.

Note:

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

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