

Staufen polyclonal antibody

Catalog: BS91295

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

STAU1 (staufer, RNA binding protein, homolog 1) is a 577 amino acid protein that contains three double-stranded RNA-binding domains and is a mammalian homolog of Staufer, a Drosophila protein that is involved in mRNA transport during oogenesis and zygotic development. Localized to the rough endoplasmic reticulum (RER) and expressed in a variety of tissues, including heart, brain, liver, lung, pancreas, kidney and placenta, STAU1 binds to both Tubulin and double-stranded RNA and is thought to play an important role in mRNA transport from the microtubule network to the RER. Additionally, STAU1 may be involved in cross-linking cytoskeletal components with RNA, an event that is important for proper mRNA positioning during translation. Alternative splicing of the STAU1 gene yields two STAU1 isoforms, designated short and long.

Product:

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

Molecular Weight:

63 kDa

Swiss-Prot:

O95793(Human) Q9Z108(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

ICC/IF:1:50-1:200

FC:1:50-1:100

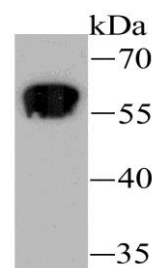
Storage&Stability:

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

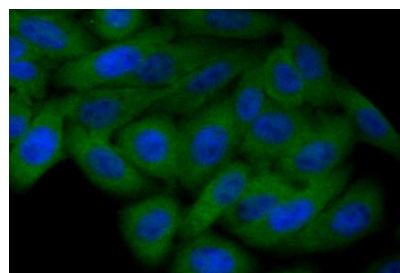
Specificity:

Staufen polyclonal antibody detects endogenous levels of Staufer protein.

DATA:



Western blot analysis of Staufen on K562 cell using anti-Staufen antibody at 1/1,000 dilution.



ICC staining Staufen in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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