

NSFL1C polyclonal antibody

Catalog: BS8346

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

p47, also known as NSFL1C, UBX1, UBXD10 or UBXN2C, is a 370 amino acid protein that localizes to both the nucleus and the golgi apparatus (specifically to golgi stacks) and contains one SEP domain and one UBX domain. Functioning as part of a ternary complex with VCP (a protein involved in the heterotypic fusion of transport vesicles with their target membranes) and Syntaxin 5, p47 interacts with and reduces the ATPase activity of VCP and is required for the fragmentation of golgi stacks during mitosis and for subsequent reassembly of golgi stacks after mitosis. p47 is subject to phosphorylation during mitosis, which inhibits p47-golgi interaction and is, therefore, required for proper golgi stack formation and cisternal regrowth. Human p47 shares 89% sequence identity with its mouse counterpart, suggesting a conserved role between species. Multiple isoforms of p47 exist due to alternative splicing events.

Product:

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

Molecular Weight:

~ 41 kDa

Swiss-Prot:

Q9UNZ2

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 - 1:2000
IF 1:50 - 1:200

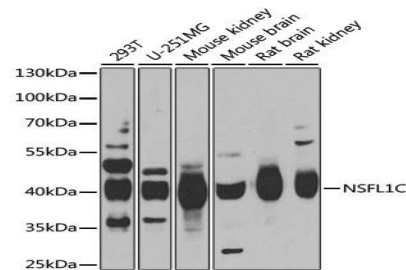
Storage&Stability:

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

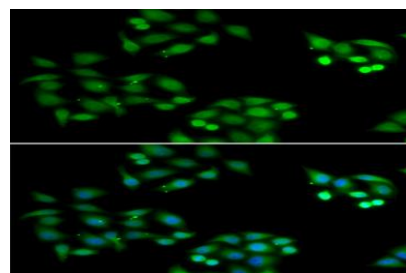
Specificity:

NSFL1C polyclonal antibody detects endogenous levels of NSFL1C protein.

DATA:



WesternBlot (WB) analysis of NSFL1C polyclonal antibody



Immunoprecipitation analysis of 200ug extracts of A-549 cells, using 3 ug NSFL1C antibody.

Note:

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

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