

USP11 polyclonal antibody

Catalog: BS91409

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. Through the use of a wide range of enzymes that can add or remove ubiquitin, the Ub pathway controls many intracellular processes such as signal transduction, transcriptional activation and cell cycle progression. USP11 (ubiquitin specific peptidase 11), also known as UHX1, is a 920 amino acid deubiquitinating enzyme that participates in the Ub pathway. Localized to the nucleus, USP11 associates with both Ran BP-M (Ran binding protein M) and with the tumor suppressor BRCA2. Through these associations, USP11 functions to either inhibit ubiquitination of these proteins or to remove ubiquitin residues that have already been attached to these proteins. USP11 is implicated in several X-linked retinal diseases and, due to its ability to deubiquitinate BRCA2, may play a role in tumor suppression.

Product:

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

Molecular Weight:

110 kDa

Swiss-Prot:

P51784(Human) Q99K46(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

ICC:1:50-1:200

FC:1:50-1:100

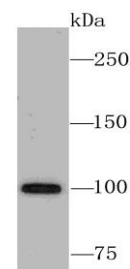
Storage&Stability:

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

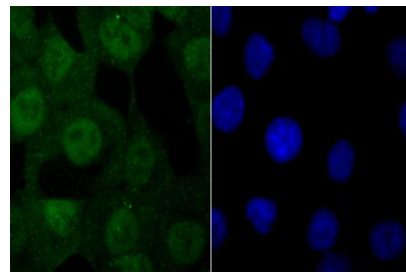
Specificity:

USP11 polyclonal antibody detects endogenous levels of USP11 protein.

DATA:



Western blot analysis of USP11 on 293T cell using anti-USP11 antibody at 1/1,000 dilution.



ICC staining USP11 in A549 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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