

CLIP-170 (K1332) polyclonal antibody

Catalog: BS3275

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Cytoplasmic linker protein of 170 kDa (CLIP-170) is the original member of a group of microtubule binding proteins designated as plus-end-binding proteins(+TIPs). CLIP-170 binds to the growing plus ends of microtubules and acts as a linker between the dynamic microtubule ends and organelle membranes. The protein acts as an anticatastrophic factor, promoting microtubule rescue near the cell periphery. Fluorescently labeled CLIP-170 can be visualized as a comet like streak around the growing ends of microtubules. CLIP-170 colocalizes with dynactin and dynein at microtubule ends and also at the kinetochore. Restin, first identified as a marker for Hodgkin and Reed-Sternberg (HRS) cells, is a 160 kDa splice variant of the gene that includes a 35 amino acid stretch not present in CLIP-170.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 170 kDa

Swiss-Prot:

P30622

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

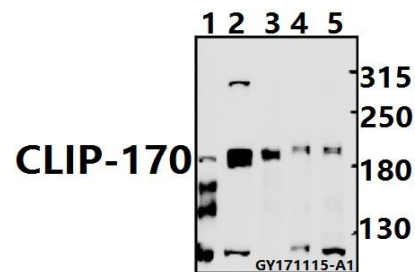
Storage&Stability:

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

Specificity:

CLIP-170 (K1332) polyclonal antibody detects endogenous levels of CLIP-170 protein.

DATA:



Western blot (WB) analysis of CLIP-170 (K1332) pAb at 1:500 dilution

Lane1:PC12 whole cell lysate(40ug)

Lane2:3T3-L1 whole cell lysate(40ug)

Lane3:HeLa whole cell lysate(40ug)

Lane4:MCF-7 whole cell lysate(40ug)

Lane5:HEK293T whole cell lysate(40ug)

Note:

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

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