

UBTD2 polyclonal antibody

Catalog: BS61654

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

UBTD2 (ubiquitin domain containing 2), also known as DCUBP (dendritic cell-derived ubiquitin-like protein), DC-UbP or SB72, is a 234 amino acid cytoplasmic and mitochondrial ubiquitin-like (UbL) protein that contains one C-terminal UbL domain. UbL proteins are involved in a variety of cellular processes, including DNA repair, protein sorting, apoptosis, protein degradation, cell division and autophagy. Predominantly expressed in dendritic cells and detected at high levels in tumor cell lines, UBTD2 has been implicated in apoptosis, cellular differentiation and tumorigenesis. The UbL domain of UBTD2 is 55% similar and 28.6% identical to the amino acid sequence of ubiquitin, but it lacks the Gly-Gly motif that is essential for ubiquitination. As its UbL domain does not actively ubiquitinate proteins, UBTD2 is believed to function as a shuttle factor involved in the ubiquitin system.

Product:

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

Molecular Weight:

~ 26 kDa

Swiss-Prot:

Q8WUN7

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

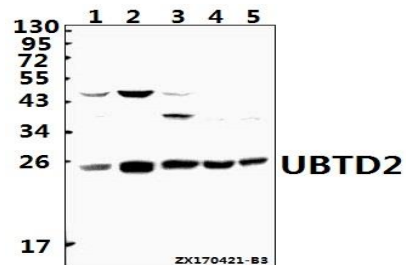
Storage&Stability:

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

Specificity:

UBTD2 polyclonal antibody detects endogenous levels of UBTD2 protein.

DATA:



Western blot (WB) analysis of UBTD2 polyclonal antibody at 1:500 dilution

Lane1:SGC7901 whole cell lysate(40ug)

Lane2:HepG2 whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:CT26 whole cell lysate(40ug)

Lane5:PC12 whole cell lysate(40ug)

Note:

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

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