

UBAP2L polyclonal antibody

Catalog: BS5824

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

NICE4, also known as UBAP2L (Ubiquitin-associated protein 2-like) or

KIAA0144, is a 1,087 amino acid protein that is ubiquitously expressed. Phosphorylated upon DNA damage, NICE4 contains one UBA domain and is expressed as 4 isoforms produced by alternative splicing events. The gene that encodes NICE4 maps to human chromosome 1. Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes Lamin A. When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs. The mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration. The MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1.

Product:

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

Molecular Weight:

~ 115 kDa

Swiss-Prot:

Q14157

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

ICC: 1:50~1:200

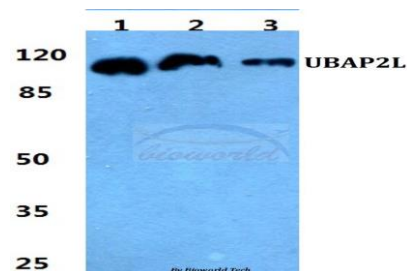
Storage&Stability:

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

Specificity:

UBAP2L polyclonal antibody detects endogenous levels of UBAP2L protein.

DATA:



Western blot (WB) analysis of UBAP2L polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:sp2/0 cell lysate

Lane3:H9C2 cell lysate

Note:

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

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