

## Cytokeratin 84 polyclonal antibody

Catalog: BS60302

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The Keratin multigene family is made of “soft” epithelial cytokeratins and “hard” hair Keratins. While the epithelial cytokeratins are involved in the layering and formation of epithelia, the hair Keratins are responsible for creating nails and hair. There are two types of Keratins: the acidic class I Keratin proteins and the basic/neutral class II Keratin proteins. Keratin 84, also known as KRT84, HB4 or KRTHB4, is a 600 amino acid protein that is expressed in hair follicles. Keratin 84 is a basic/neutral type II Keratin protein which heterodimerizes with type I Keratins to create hair and nails. The gene encoding Keratin 84 maps to human chromosome 12 which encodes over 1,100 genes and comprises approximately 4.5% of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis and Kniest dysplasia.

### Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

### Molecular Weight:

~ 65 kDa

### Swiss-Prot:

Q9NSB2

### 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

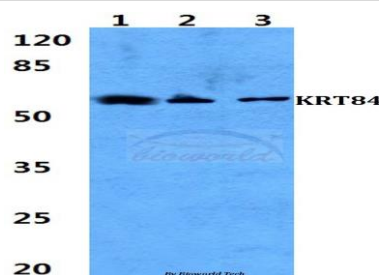
### Storage&Stability:

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

### Specificity:

Cytokeratin 84 polyclonal antibody detects endogenous levels of Cytokeratin 84 protein.

### DATA:



Western blot (WB) analysis of Cytokeratin 84 polyclonal antibody at 1:500 dilution

Lane1:THP-1 cell lysate

Lane2:Raw264.7 cell lysate

Lane3:PC12 cell lysate

### Note:

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

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