

Huntingtin polyclonal antibody

Catalog: BS90678

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The huntingtin gene, also called the HTT or HD (Huntington disease) gene, is the IT15 ("interesting transcript 15") gene, which codes for a protein called the huntingtin protein. It is variable in its structure, as the many polymorphisms of the gene can lead to variable numbers of glutamine residues present in the protein. The mass of huntingtin protein is dependent largely on the number of glutamine residues it has, the predicted mass is around 350 kDa. Normal huntingtin is generally accepted to be 3144 amino acids in size. The exact function of this protein is not known, but it plays an important role in nerve cells. Within cells, huntingtin may be involved in signaling, transporting materials, binding proteins and other structures, and protecting against programmed cell death (apoptosis). The huntingtin protein is required for normal development before birth. It is expressed in many tissues in the body, with the highest levels of expression seen in the brain.

Product:

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

Molecular Weight:

347 kDa

Swiss-Prot:

P42858(Human) P42859(Mouse) P51111(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500

IHC:1:50-1:200

FC:1:50-1:100

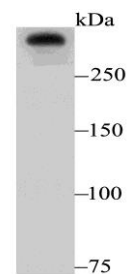
ICC:1:50

Storage&Stability:

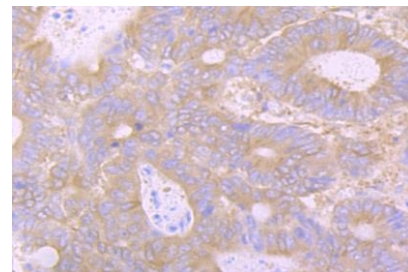
Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

Huntingtin polyclonal antibody detects endogenous levels of Huntingtin protein.

DATA:

Western blot analysis of Huntingtin on A431 cell using anti-Huntingtin antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-Huntingtin antibody. Counter stained with hematoxylin.

Note:

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

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