

**MED11 polyclonal antibody**

Catalog: BS60491

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

In mammalian cells, transcription is regulated in part by high molecular weight co-activating complexes that mediate signals between transcriptional activators and RNA polymerase II (Pol II). The mediator complex is one such multiprotein structure that functions as a bridge between regulatory proteins and Pol II, thereby regulating Pol II-dependent transcription. Med11 (mediator complex subunit 11) is a 117 amino acid nuclear protein and component of the mediator complex. The gene encoding Med11 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, and is associated with predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 13 kDa

Swiss-Prot:

Q9P086

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

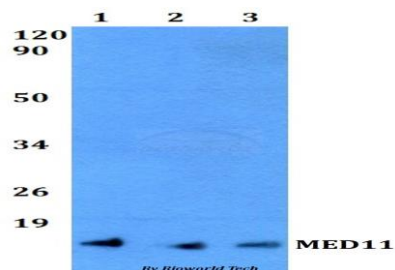
WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

MED11 polyclonal antibody detects endogenous levels of MED11 protein.

DATA:

Western blot (WB) analysis of MED11 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

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

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