

ST18 Polyclonal Antibody

Catalog: BS65718 Host: Rabbit Reactivity: Hu-
man, Mouse, Rat, Dog, Horse, Sheep,

BackGround:

ST18 is a 1,047 amino acid nuclear protein that is expressed at low levels in heart, liver, kidney, skeletal muscle, pancreas, testis, ovary and prostate. Containing six C2HC-type zinc fingers and an SMC domain, ST18 is a repressor protein that binds to DNA sequences containing a specific bipartite element. ST18 is considered a transcription factor that represses basal transcription activity from target promoters and Inhibits colony formation in cultured breast cancer cells. ST18 is encoded by a gene located on human chromosome 8, which consists of nearly 146 million base pairs, encodes over 800 genes and is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that map to chromosome 8.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

110 kD, 115 kD

Swiss-Prot:

O60284

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000, Flow-Cyt=1ug/test

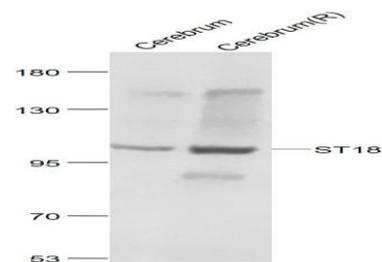
Storage&Stability:

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

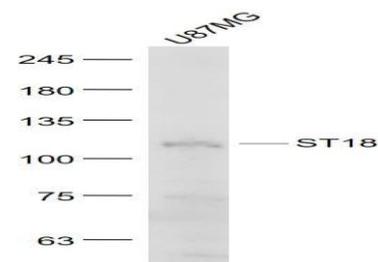
Specificity:

ST18 Polyclonal Antibody detects endogenous levels of ST18 protein.

DATA:



Primary: Anti- ST18 at 1/1000 dilution



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Note:

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

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