

TGF β Receptor II(Phospho-Ser225/250) polyclonal antibody

Catalog: BS65121

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

transforming growth factor beta receptor 2(TGFBR2) Homo sapiens This gene encodes a member of the Ser/Thr protein kinase family and the TGFBR receptor subfamily. The encoded protein is a transmembrane protein that has a protein kinase domain, forms a heterodimeric complex with another receptor protein, and binds TGF-beta. This receptor/ligand complex phosphorylates proteins, which then enter the nucleus and regulate the transcription of a subset of genes related to cell proliferation. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors. Alternatively spliced transcript variants encoding different isoforms have been characterized. [provided by RefSeq, Jul 2008].

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

~ 65 kDa

Swiss-Prot:

P37173

Purification&Purity:

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

Applications:

WB 1:500-2000 ,Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Storage&Stability:

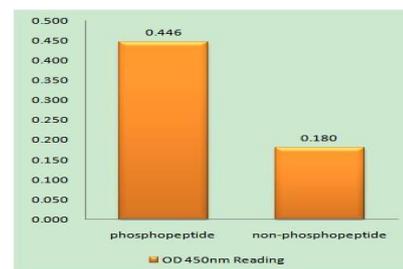
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

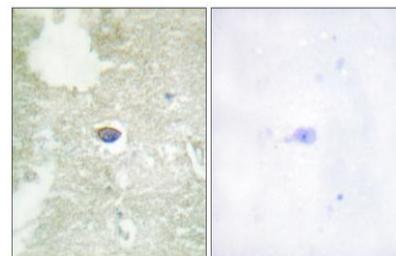
Specificity:

Phospho-TGF β RII (S225) Polyclonal Antibody detects endogenous levels of TGF β RII protein only when phosphorylated at S225.

DATA:



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immune-Gen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using TGF beta Receptor II (Phospho-Ser225/250) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using TGF beta Receptor II (Phospho-Ser225/250) Antibody. The picture on the right is blocked with the phospho peptide.

Note:

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

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