

Estrogen Receptor beta (Phospho-S105) polyclonal antibody

Catalog: BS64525

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Estrogen receptors (ER) are members of the steroid/thyroid hormone receptor superfamily of ligand-activated transcription factors. Estrogen receptors, including ER α and ER β , contain DNA binding and ligand binding domains and are critically involved in regulating the normal function of reproductive tissues. ER α and ER β have been shown to be differentially activated by various ligands. Receptor-ligand interactions trigger a cascade of events, including dissociation from heat shock proteins, receptor dimerization, phosphorylation and the association of the hormone activated receptor with specific regulatory elements in target genes. Evidence suggests that ER α and ER β may be regulated by distinct mechanisms even though they share many functional characteristics.

Product:

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

Molecular Weight:

~ 59 kDa

Swiss-Prot:

Q92731

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 IHC:1:50~1:200 IF:1:50~1:200

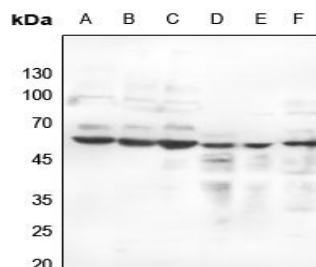
Storage&Stability:

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

Specificity:

Estrogen Receptor beta (Phospho-S105) polyclonal antibody detects endogenous levels of Estrogen Receptor beta protein only when phosphorylated at Ser105.

DATA:



Western blot (WB) analysis of Estrogen Receptor beta (Phospho-S105) polyclonal antibody at 1:500 dilution

LaneA:HEK293T whole cell lysate

LaneB:Hela whole cell lysate

LaneC:A375 whole cell lysate

LaneD:The Spleen tissue lysate of Mouse

LaneE:The Spleen tissue lysate of Rat

LaneF:The Testis tissue lysate of Rat

Note:

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

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