

Estrogen Receptor alpha polyclonal antibody

Catalog: BS62240

Host: Rabbit

Reactivity: Human,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. They are located in the nucleus, though some estrogen receptors associate with the cell surface membrane and can be rapidly activated by exposure of cells to estrogen. 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:

~ 66 kDa

Swiss-Prot:

P03372

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

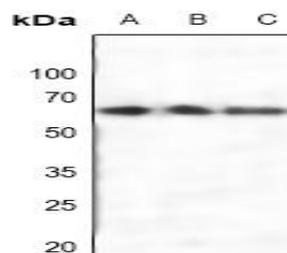
Storage&Stability:

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

Specificity:

Estrogen Receptor alpha polyclonal antibody detects endogenous levels of Estrogen Receptor alpha protein.

DATA:



Western blot (WB) analysis of Estrogen Receptor alpha polyclonal antibody at 1:500 dilution

LaneA:HEK293T whole cell lysate

LaneB:K562 whole cell lysate

LaneC:The Liver tissue lysate of Rat

Note:

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

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