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Phospho-Estrogen Receptor alpha（S118） Polyclonal Antibody

Cat #: G-AB-12521

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:**

Overview:
This gene encodes an estrogen receptor, a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription. The protein localizes to the nucleus where it may form a homodimer or a heterodimer with estrogen receptor 2. Estrogen and its receptors are essential for sexual development and reproductive function, but also play a role in other tissues such as bone. Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis. Alternative promoter usage and alternative splicing result in dozens of transcript variants, but the full-length nature of many of these variants has not been determined.

Gene ID: 2099

Accession #:

Immunogen: A phospho specific peptide corresponding to residues surrounding S118 of human Estrogen Receptor alpha

Conjugation: Unconjugated

Swissprot: P03372

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: IHC,IF

Dilution: IHC 1:50-1:100 IF 1:100-1:200

Storage: Store at -20°C. Avoid freeze / thaw cycles.