

ROR γ polyclonal antibody

Catalog: BS5915

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

The nuclear orphan receptors ROR α and ROR γ are members of the nuclear hormone receptor superfamily. This family acts by directly associating with DNA sequences known as hormone response elements (HREs) and typically binds DNA as either homo- or heterodimers. ROR α and ROR γ are unique in that they bind DNA as monomers. ROR α has multiple isoforms that share common DNA- and putative ligand-binding domains, but differ in their aminoterminal domains, which are generated by alternative RNA processing. ROR γ comprises a 560 amino acid protein that shares 50% amino acid identity with ROR α and is most highly expressed in skeletal muscle. Although these proteins are considered “orphan receptors,” due to a lack of defined ligands, experimental evidence has shown that melatonin may be the natural ligand for these nuclear receptors.

Product:

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

Molecular Weight:

~ 63 kDa

Swiss-Prot:

P51449

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

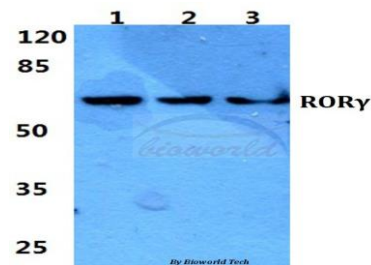
Storage&Stability:

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

Specificity:

ROR γ polyclonal antibody detects endogenous levels of ROR γ protein.

DATA:



Western blot (WB) analysis of ROR γ polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:sp2/0 cell lysate

Lane3:PC12 cell lysate

Note:

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

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