bs-22843R **[Primary Antibody]**

RAR alpha Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 5914 **SWISS:** P10276

Target: RAR alpha

Immunogen: KLH conjugated synthetic peptide derived from human RAR alpha: 161-260/462.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Retinoic acid receptor alpha (RAR-alpha) is a receptor for retinoic acid. This metabolite has profound effects on vertebrate development. Retinoic acid is a morphogen and is a powerful teratogen. This receptor controls cell function by directly regulating gene expression. Subunit: Interacts with CDK7 (By similarity). Interacts with NCOA3 and NCOA6 coactivators, leading to a strong increase of transcription of target genes.

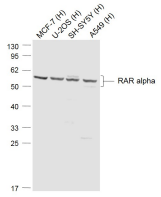
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)

Predicted MW.: 51 kDa

Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: Lane 1: MCF-7 (Human) Cell Lysate at 30 ug Lane 2: U-2OS (Human) Cell Lysate at 30 ug Lane 3: SH-SY5Y (Human) Cell Lysate at 30 ug Lane 4: A549 (Human) Cell Lysate at 30 ug Primary: Anti-RAR alpha (bs-22843R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60 kD Observed band size: 60 kD

SELECTED CITATIONS

- **[IF=6.208]** Hanhai Zeng. et al. Activation of the RARα Attenuated CSF Hypersecretion to Inhibit Hydrocephalus Development via Regulating the MAFB/MSR1 Pathway. INT J MOL SCI. 2023 Jan;24(3):2586 WB ;Rat. 36768908