

bs-22843R**[Primary Antibody]****RAR alpha Rabbit pAb****BioSS**
ANTIBODIES

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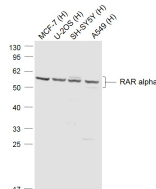
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 5914 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.	Isotype: IgG SWISS: P10276	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
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— 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