

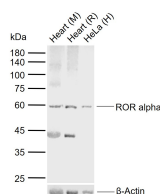
bs-17164R**[Primary Antibody]****Bioss**
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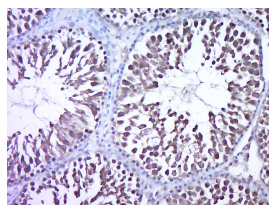
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ROR alpha Rabbit pAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**Target:** ROR alpha**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** The protein encoded by this gene is a member of the NR1 subfamily of nuclear hormone receptors. It can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The encoded protein has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation, as well as with NM23-1, the product of a tumor metastasis suppressor candidate gene. Also, it has been shown to aid in the transcriptional regulation of some genes involved in circadian rhythm. Four transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2014]**Applications:** **WB** (1:500-1000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 59 kDa**Subcellular Location:** Nucleus**VALIDATION IMAGES**

Sample: Lane 1: Mouse Heart tissue lysates
 Lane 2: Rat Heart tissue lysates
 Lane 3: Human HeLa cell lysates
 Primary: Anti-ROR alpha (bs-17164R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 59 kDa
 Observed band size: 59 kDa



Paraformaldehyde-fixed, paraffin embedded (Rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ROR alpha) Polyclonal Antibody, Unconjugated (bs-17164R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.

SELECTED CITATIONS

- **[IF=5.542]** Han L et al. The RNA - binding protein SORBS2 suppresses hepatocellular carcinoma tumorigenesis and metastasis by stabilizing RORA mRNA. Liver Int. 2019 Jul 31. IHC ;Human. 31365778
- **[IF=2.923]** Hongwei Duan. et al. Melatonin regulates dihydrotestosterone formation via its membrane receptor in the epididymal epithelial cells of sheep. THERIOGENOLOGY. 2022 Dec;; WB ;Sheep. 36623430
- **[IF=3.4]** Deng Yujie. et al. UBE2T promotes stage I lung adenocarcinoma progression through PBX1 ubiquitination and PBX1/RORA regulation. BMC CANCER. 2024 Dec;24(1):1-15 IHC ;Human. 39289660

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.