Anti-Testicular Receptor 2 (TR2) Antibody

Catalog #: 2002-TR2  Size: 100 µl

Cite this Antibody: PhosphoSolutions Cat# 2002-TR2, RRID:AB_2492264

<table>
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<th>Host</th>
<th>Applications</th>
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<td>Rabbit</td>
<td>WB</td>
<td>H, M, R</td>
<td>~64 kDa</td>
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Product Description: Rabbit polyclonal antibody.

Biological Significance: Testicular receptor 2 (TR2) is a member of the orphan nuclear receptor family. It is widely expressed at a low level throughout the adult testis. TR2 represses transcription and binds DNA directly interacting with HDAC3 and HDAC4 via DNA-binding domains (Franco et al., 2003). TR2 has also been implicated in regulation of estrogen receptor activity in mammary glands (Hun et al., 2002). In addition, TR2 has recently been shown to form a heterodimer with TR4 that can bind to the direct repeat 6 element of the hepatitis B virus (HBV) enhancer II region thus suppressing HBV gene expression (Lin et al., 2008).

Antigen: Fusion protein from N-terminal peptide of mouse TR2.

Antibody Specificity: Specific for endogenous levels of the ~64 kDa TR2 protein.

Purification Method: Neat serum.

Quality Control Tests: Western blots performed on each lot.

Packaging: 100 µl neat serum.

Storage and Stability: Shipped on blue ice. Store at –20°C in undiluted aliquots; stable for at least 1 year. Avoid freeze/thaw cycles.

Western blot of rat testicular lysate showing specific immunolabeling of the ~64 kDa TR2 protein.
General References:


