

Datasheet for ABIN7161904
anti-TR4 antibody (AA 240-380)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	TR4 (NR2C2)
Binding Specificity:	AA 240-380
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TR4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Nuclear receptor subfamily 2 group C member 2 protein (240-380AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	TR4 (NR2C2)
Alternative Name:	NR2C2 (NR2C2 Products)
Background:	Background: Orphan nuclear receptor that can act as a repressor or activator of transcription. An important repressor of nuclear receptor signaling pathways such as retinoic acid receptor,

Target Details

retinoid X, vitamin D3 receptor, thyroid hormone receptor and estrogen receptor pathways. May regulate gene expression during the late phase of spermatogenesis. Together with NR2C1, forms the core of the DRED (direct repeat erythroid-definitive) complex that represses embryonic and fetal globin transcription including that of GATA1. Binds to hormone response elements (HREs) consisting of two 5'-'AGGTCA-3' half site direct repeat consensus sequences. Plays a fundamental role in early embryonic development and embryonic stem cells. Required for normal spermatogenesis and cerebellum development. Appears to be important for neurodevelopmentally regulated behavior (By similarity). Activates transcriptional activity of LHCG. Antagonist of PPARA-mediated transactivation.

Aliases: hTAK1 antibody, Nr2c2 antibody, NR2C2_HUMAN antibody, Nuclear hormone receptor TR4 antibody, Nuclear receptor subfamily 2 group C member 2 antibody, Orphan nuclear receptor TAK1 antibody, Orphan nuclear receptor TR4 antibody, TAK1 antibody, Testicular nuclear receptor 4 antibody, Testicular receptor 4 antibody, TR2R1 antibody, TR4 antibody, TR4 nuclear hormone receptor antibody

UniProt: [P49116](#)

Pathways: [TCR Signaling](#), [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Tube Formation](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

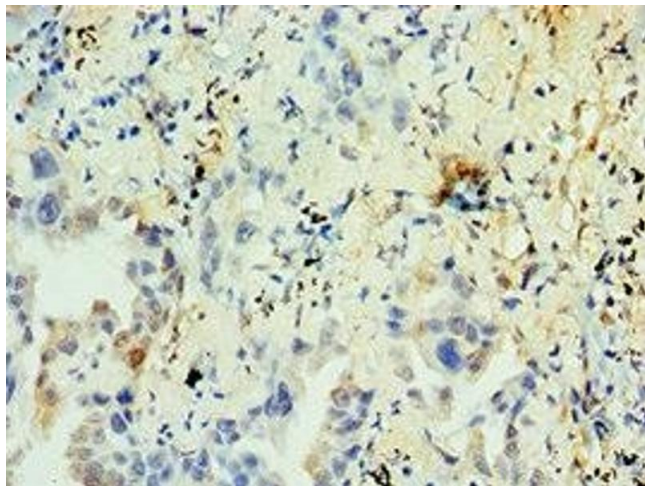
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

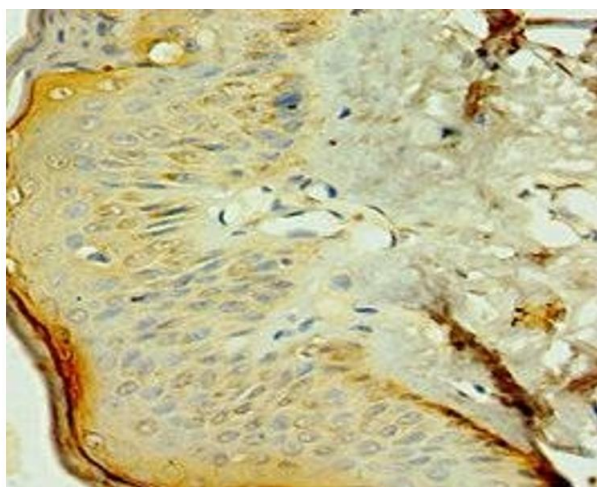
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



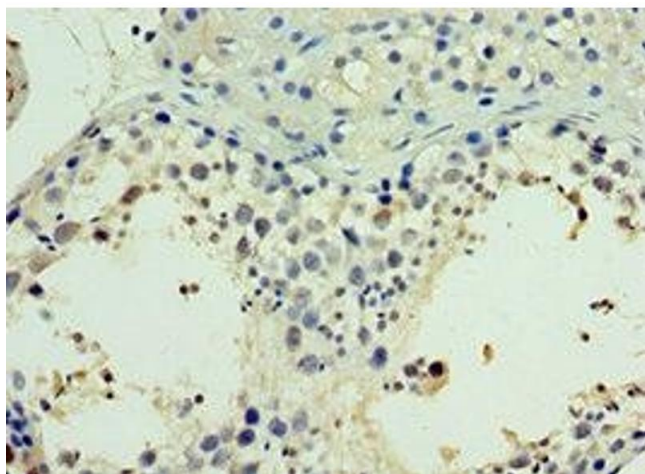
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7161904 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human skin tissue using ABIN7161904 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7161904 at dilution of 1:100