

Anti-NR2C2/TR4 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

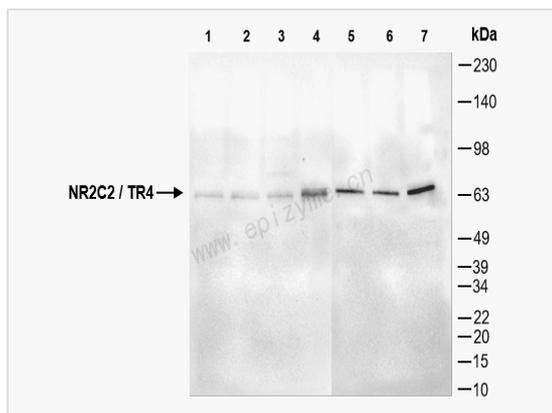
Catalog # R014863

Product Information

Application	ELISA, WB
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	57K33R38
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human NR2C2/TR4
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-NR2C2/TR4 Rabbit mAb [57K33R38] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	hTAK1, Nr2c2, NR2C2_HUMAN, Nuclear hormone receptor TR4, Nuclear receptor subfamily 2 group C member 2, Orphan nuclear receptor TAK1, Orphan nuclear receptor TR4, TAK1, Testicular nuclear receptor 4, Testicular receptor 4, TR2R1, TR4, TR4 nuclear hormone receptor.
Calculated MW	Calculated MW: 65 kDa; Observed MW: 65 kDa
Uniprot ID	P49116
Gene ID	7182
Background	This gene encodes a protein that belongs to the nuclear hormone receptor family. Members of this family act as ligand-activated transcription factors and function in many biological processes such as development, cellular differentiation and homeostasis. The activated receptor/ligand complex is translocated to the nucleus where it binds to hormone response elements of target genes. The protein encoded by this gene plays a role in protecting cells from oxidative stress and damage induced by ionizing radiation. The lack of a similar gene in mouse results in growth retardation, severe spinal curvature, subfertility, premature aging, and prostatic intraepithelial neoplasia (PIN) development. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2014]
Cellular Location	Nucleus.



Western Blot - Anti-NR2C2/TR4 Rabbit mAb [57K33R38]

All lanes: R014863 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

Lane 5: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 6: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 7: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 65 kDa

Observed band size: 65 kDa

Developed using the ECL technique (Cat. No. SQ201).