

Rabbit anti-Human NUR77 Monoclonal Antibody | anti-NR4A1 antibody

[KD Validated] NUR77 Rabbit mAb

CATALOG # AAA283042	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	----------------------------	--

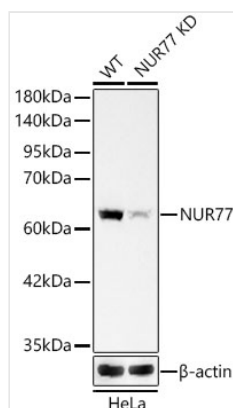
PRODUCT SYNONYMS

NUR77; Monoclonal Antibody; [KD Validated] NUR77 Rabbit mAb; HMR; N10; TR3; NP10; GFRP1; NAK-1; NGFIB; [KD Validated] NUR77; anti-NR4A1 antibody

PRODUCT SPECIFICATIONS

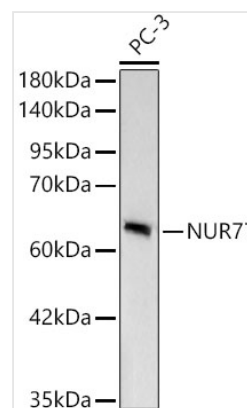
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	PSLAQSPLKL FPSQATHQLG EGESYSMPPTA FPGLAPTSPH LEGSGILDTP VTSTKARSGA PGGSEGRCAV CGDNASCQHY GVRTCEGCKG FFKRTVQKNA K
Applicable Applications for anti-NR4A1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human NUR77 (NP_002126.2)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and NUR77 knockdown (KD) HeLa cells, using [KD Validated] NUR77 Rabbit mAb (AAA283042) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)

Western blot analysis of lysates from PC-3 cells, using [KD Validated] NUR77 Rabbit mAb (AAA283042) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-NR4A1 antibody	This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-NR4A1 antibody	Epigenetics Nuclear Signaling; Transcription Factors; Nuclear Receptor Signaling; Cancer; Invasion and Metastasis; Signal Transduction; MAPK-Erk Signaling Pathway; Cell Biology Developmental Biology; Apoptosis; Immunology Inflammation; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	320202956
NCBI GeneID	3164
NCBI Accession #	NP_001189162.1
NCBI GenBank Nucleotide #	NM_001202233.1
UniProt Accession #	P22736; B4DML7
Molecular Weight	Calculated MW: 64kDa Observed MW: 64kDa
UniProt Protein Name	Nuclear receptor subfamily 4 group A member 1
UniProt Gene Name	NR4A1
UniProt Synonym Gene Names	GFRP1; HMR; NAK1; Nur77
UniProt Entry Name	NR4A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.