

Immunotag™ NLRX1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT5802
Product Description	Immunotag™ NLRX1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NLRX1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	WB 1:500-2000, IHC-p 1:50-300, ELISA 1:10000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from NLRX1 at AA range: 581-630
Specificity	NLRX1 Polyclonal Antibody detects endogenous levels of NLRX1
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NLRX1
Accession No.	Q86UT6 Q3TL44 Q5FVQ8
Alternate Names	NLR family member X1 (Caterpillar protein 11.3) (CLR11.3) (Nucleotide-binding oligomerization domain protein 26) (Nucleotide-binding oligomerization domain protein 5) (Nucleotide-binding oligomerization domain protein 9)

Antibody Specification

Description	NLR family member X1(NLRX1) Homo sapiens The protein encoded by this gene is a member of the NLR family and localizes to the outer mitochondrial membrane. The encoded protein is a regulator of mitochondrial antiviral responses. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2013],
Cell Pathway/ Category	RIG-I-like receptor,
Protein Expression	Bone,Brain,Colon,Placenta,Tongue,Uterus,
Subcellular Localization	mitochondrial outer membrane,
Protein Function	function:Participates in antiviral signaling. Acts as a negative regulator of MAVS-mediated antiviral responses, through the inhibition of the virus-induced RLH (RIG-like helicase)-MAVS interaction (PubMed:18200010). Has no inhibitory function on NF-Kappa-B and type 1 interferon signaling pathways, but enhances NF-Kappa-B and JUN N-terminal kinase dependent signaling through the production of reactive oxygen species (PubMed:18219313).,sequence caution:Translated as Trp.,sequence caution:Translation N-terminally extended.,similarity:Belongs to the NLRP family.,similarity:Contains 1 NACHT domain.,similarity:Contains 4 LRR (leucine-rich) repeats.,subunit:Interacts with MAVS.,tissue specificity:Ubiquitously expressed. Strongest expression in mammary gland, heart and muscle. Detected in HELA, 293T, THP-1, HL60, RAJI, and JURKAT cell lines (at protein level).,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.