



Anti-MEFV (aa 268-284) polyclonal antibody (CPBT-39947RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human MEFV.
Antigen Description	This gene encodes a protein, also known as pyrin or marenostin, that is an important modulator of innate immunity. Mutations in this gene are associated with Mediterranean fever, a hereditary periodic fever syndrome.
Specificity	Expressed in peripheral blood leukocytes, particularly in mature granulocytes and to a lesser extent in monocytes but not in lymphocytes. Detected in spleen, lung and muscle, probably as a result of leukocyte infiltration in these tissues. Not expressed in thymus, prostate, testis, ovary, small intestine, colon, heart, brain, placenta, liver, kidney, pancreas. Expression detected in several myeloid leukemic, colon cancer, and prostate cancer cell lines.
Immunogen	Synthetic peptide: AANLDSATEPRARPTPD conjugated to KLH, corresponding to amino acids 268-284 of Human MEFV.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	IHC-P
Sequence Similarities	Contains 1 B box-type zinc finger.Contains 1 B30.2/SPRY domain.Contains 1 DAPIN domain.
Cellular Localization	Nucleus and Cytoplasm # cytoskeleton. Associated with microtubules and with the filamentous actin of perinuclear filaments and peripheral lamellar ruffles.

Format	Liquid
Size	50 µg
Buffer	Preservative:0.09% Sodium azideConstituent:99% PBS
Preservative	0.09% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	MEFV Mediterranean fever [Homo sapiens]
Official Symbol	MEFV
Synonyms	MEFV; Mediterranean fever; MEF; pyrin; FMF; TRIM20; Marenostrin; FMF; Mediterranean fever; Mediterranean fever protein; MEF; Mefv; MEFV_HUMAN; Pyrin; TRIM20; marenostrin;
Entrez Gene ID	4210
Protein Refseq	NP_000234
UniProt ID	O15553
Chromosome Location	16p13.3
Pathway	Immune System, organism-specific biosystem; Inflammasomes, organism-specific biosystem; Innate Immune System, organism-specific biosystem; NOD-like receptor signaling pathway, organism-specific biosystem; NOD-like receptor signaling pathway, conserved biosystem; Nucleotide-binding domain, leucine rich repeat containing receptor (NLR) signaling pathways, organism-specific biosystem; The NLRP3 inflammasome, organism-specific biosystem.
Function	actin binding; metal ion binding; zinc ion binding;