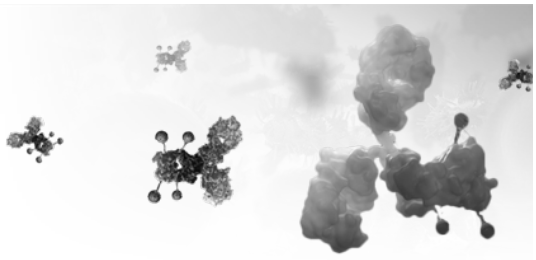

Anti-DNAJC25 (aa 36-85) polyclonal antibody (DPABH-13366)

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

PRODUCT INFORMATION

Antigen Description	Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly homologous and they are found in a cluster on chromosome 19q13.4 within the 1 Mb leukocyte receptor complex (LRC). The gene content of the KIR gene cluster varies among haplotypes, although several "framework" genes are found in all haplotypes (KIR3DL3, KIR3DP1, KIR3DL4, KIR3DL2). The KIR proteins are classified by the number of extracellular immunoglobulin domains (2D or 3D) and by whether they have a long (L) or short (S) cytoplasmic domain. KIR proteins with the long cytoplasmic domain transduce inhibitory signals upon ligand binding via an immune tyrosine-based inhibitory motif (ITIM), while KIR proteins with the short cytoplasmic domain lack the ITIM motif and instead associate with the TYRO protein tyrosine kinase binding protein to transduce activating signals. The ligands for several KIR proteins are subsets of HLA class I molecules; thus, KIR proteins are thought to play an important role in regulation of the immune response.
Immunogen	Synthetic peptide within region AGALVEGLYC GTRDCYEVLG VSRSAGKAEI ARAYRQLARR YHPDRYRPQP, corresponding to amino acids 36-85 of Human DNAJC25.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid

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Size	50 µg
Buffer	Constituent: 99% PBS
Preservative	None
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	DNAJC25 DnaJ (Hsp40) homolog, subfamily C , member 26 [Homo sapiens]
Official Symbol	DNAJC25
Synonyms	DNAJC25; DnaJ (Hsp40) homolog, subfamily C , member 25; bA16L21.2.1; dnaJ homolog subfamily C member 25; DnaJ-like protein;
Entrez Gene ID	548645
Protein Refseq	NP_001015882.2
UniProt ID	Q9H1X3
Pathway	ADP signalling through P2Y purinoceptor 1; Activation of G protein gated Potassium channels; Activation of Kainate Receptors upon glutamate binding; Aquaporin-mediated transport

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