

Product datasheet for **AP52481PU-N**

LILRB4 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 43-73 amino acids from the N-terminal region of Human CD85K / LILRB4
Specificity:	This antibody recognizes Human CD85K / LILRB4 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	leukocyte immunoglobulin like receptor B4
Database Link:	Entrez Gene 11006 Human Q8NHJ6



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Background:

This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. The receptor can also function in antigen capture and presentation. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene.

Synonyms:

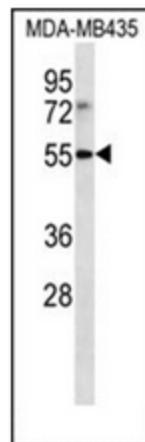
LILR-B4, ILT3, LIR5, LIR-5, ILT-3, HM18

Note:

Molecular Weight: 49298 Da

Protein Families:

Transmembrane

Product images:

Western blot analysis of CD85K / LILRB4 Antibody (N-term) in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the LILRB4 antibody detected the LILRB4 protein (arrow).