

Product datasheet for **TA341919**

PILRA Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PILRA antibody: synthetic peptide directed towards the N terminal of human PILRA. Synthetic peptide located within the following region: IPFSFYYPWELATAPDVRISWRRGHFHRQSFYSTRPPSIHKDYVNRFLN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	18 kDa
Gene Name:	paired immunoglobulin like type 2 receptor alpha
Database Link:	NP_840057 Entrez Gene 29992 Human Q9UKJ1



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Background:

Cell signaling pathways rely on a dynamic interaction between activating and inhibiting processes. SHP-1-mediated dephosphorylation of protein tyrosine residues is central to the regulation of several cell signaling pathways. Two types of inhibitory receptor superfamily members are immunoreceptor tyrosine-based inhibitory motif (ITIM)-bearing receptors and their non-ITIM-bearing, activating counterparts. Control of cell signaling via SHP-1 is thought to occur through a balance between PILRalpha-mediated inhibition and PILRbeta-mediated activation. These paired immunoglobulin-like receptor genes are located in a tandem head-to-tail orientation on chromosome 7. This particular gene encodes the ITIM-bearing member of the receptor pair, which functions in the inhibitory role. Alternative splicing has been observed at this locus and three variants, each encoding a distinct isoform, are described. [provided by RefSeq, Jul 2008]

Synonyms:

FDF03

Note:

Immunogen Sequence Homology: Human: 100%

Protein Families:

Druggable Genome, Transmembrane

Product images:

WB Suggested Anti-PILRA Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate