

DNAxPAb

Hard-to-Find
Antibody

PILRB DNAxPab

Catalog # H00029990-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PILRB DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSV EIPFSFYYPWELAVPN VRISWRRGFHFGQSFYSTRPSSIHKDYVNRFLFNWTEGQESGFLRISNLRKEDQSVYFCRVELDT RRSGRQQLQSIKGTKLTITQAVTTTTWRPSSTTTIAGLRVTESKGHSESWHLSLDTAIRVALAVAV LKTIVILGLLCLLLLWRRRKGSRAPSSDF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PILRB

Entrez GeneID [29990](#)

GeneBank Accession# [NM_013440.3](#)

Protein Accession# [NP_038468.3](#)

Gene Name PILRB

Gene Alias FDFACT1, FDFACT2

Gene Description paired immunoglobulin-like type 2 receptor beta

Omim ID [605342](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 non-ITIM-bearing member of the receptor pair, which has a truncated cytoplasmic tail relative to its ITIM-bearing partner and functions in the activating role. Alternative splicing has been observed at this locus and three variants, encoding two distinct isoforms, are described. Additional transcript variants have been identified but their full-length nature has not been determined. [provided by RefSeq]

Other Designations

activating receptor PILRbeta|cell surface receptor FDFACT1|cell surface receptor FDFACT2|paired immunoglobulin-like receptor beta|paired immunoglobulin-like receptor beta|paired immunoglobulin-like type 2 receptor beta