

PILRA rabbit pAb

Catalog No :	YN7709
Reactivity :	Human;Mouse
Applications :	WB
Target :	PILRA
Gene Name :	PILRA
Protein Name :	Paired immunoglobulin-like type 2 receptor alpha (Cell surface receptor FDF03) (Inhibitory receptor PILR-alpha)
Human Gene Id :	29992
Human Swiss Prot No :	Q9UKJ1
Mouse Gene Id :	231805
Mouse Swiss Prot No :	Q2YFS3
Immunogen :	Synthesized peptide derived from human PILRA
Specificity :	This antibody detects endogenous levels of PILRA at Human, Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 33kD

Function : Paired receptors consist of highly related activating and inhibitory receptors and are widely involved in the regulation of the immune system. PILRA is thought to act as a cellular signaling inhibitory receptor by recruiting cytoplasmic phosphatases like PTPN6/SHP-1 and PTPN11/SHP-2 via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules. Receptor for PIANP. ; (Microbial infection) Acts as an entry co-receptor for herpes simplex virus 1.

Subcellular Location : [Isoform 1]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 3]: Secreted .; [Isoform 4]: Secreted .

Expression : Predominantly detected in hemopoietic tissues and is expressed by monocytes, macrophages, and granulocytes, but not by lymphocytes. Also strongly expressed by dendritic cells (DC); preferentially by CD14+/CD1a- DC derived from CD34+ progenitors. Also expressed by CD11c+ blood and tonsil DC, but not by CD11c- DC precursors.

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