

**BLK (Phospho Tyr389) rabbit pAb**

<b>Catalog No :</b>	YP1695
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	BLK
<b>Gene Name :</b>	BLK
<b>Protein Name :</b>	BLK (Phospho-Tyr389)
<b>Human Gene Id :</b>	640
<b>Human Swiss Prot No :</b>	P51451
<b>Mouse Gene Id :</b>	12143
<b>Mouse Swiss Prot No :</b>	P16277
<b>Immunogen :</b>	Synthesized peptide derived from human BLK (Phospho-Tyr389)
<b>Specificity :</b>	This antibody detects endogenous levels of BLK (Phospho-Tyr389) at Human, Mouse,Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 56kD

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**Background :** This gene encodes a nonreceptor tyrosine-kinase of the src family of proto-oncogenes that are typically involved in cell proliferation and differentiation. The protein has a role in B-cell receptor signaling and B-cell development. The protein also stimulates insulin synthesis and secretion in response to glucose and enhances the expression of several pancreatic beta-cell transcription factors. [provided by RefSeq, Aug 2010],

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**Function :** catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:May function in a signal transduction pathway that is restricted to B-lymphoid cells.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,

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**Subcellular Location :** Cell membrane ; Lipid-anchor . Present and active in lipid rafts. Membrane location is required for the phosphorylation of CD79A and CD79B (By similarity). .

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**Expression :** Expressed in lymphatic organs, pancreatic islets, Leydig cells, striate ducts of salivary glands and hair follicles.

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## Products Images