



BLK (Phospho-Tyr389) rabbit pAb

Catalog No	YP-Ab-10467
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	BLK
Immunogen	Synthesized peptide derived from human BLK (Phospho-Tyr389)
Specificity	This antibody detects endogenous levels of BLK (Phospho-Tyr389) at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.122% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	B lymphocyte kinase;B lymphoid tyrosine kinase;Blk;BLK nonreceptor tyrosine kinase;BLK_HUMAN;EC 2.7.1.2;MGC 1442;MGC1442;MODY 11;MODY11;P55 BLK;p55-BLK;Tyrosine kinase B lymphocyte specific;Tyrosine protein kinase; Tyrosine-protein kinase BLK;BLK (Phospho-Tyr389);Tyrosine-protein kinase Blk (EC 2.7.10.2) (B lymphocyte kinase) (p55-Blk)
Observed Band	
Calculated Molecular Weight	58kDa; 58kD
Cell Pathway	Cell membrane ; Lipid-anchor . Present and active in lipid rafts. Membrane location is required for the phosphorylation of CD79A and CD79B (By similarity).
Tissue Specificity	Expressed in lymphatic organs, pancreatic islets, Leydig cells, striate ducts of salivary glands and hair follicles.
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.,

**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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images