

## Product datasheet for **TA354390**

### BLK Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to N-term of human Blk protein. This sequence is identical to mouse and rat.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	BLK proto-oncogene, Src family tyrosine kinase
Database Link:	<a href="#">NP_001706</a> <a href="#">Entrez Gene 640 Human</a> <a href="#">P51451</a>



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**Background:**

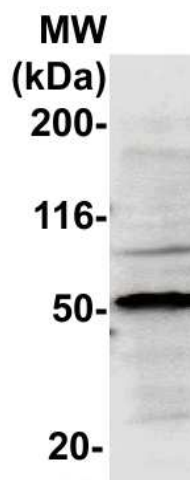
The Src family is composed of nine members in vertebrates, including Src, Yes, Fgr, Frk, Fyn, Lyn, Hck, Lck and Blk. Src-family kinases transducer signals that are involved in the control of a variety of cellular process, including proliferation, differentiation, motility, and adhesion. Blk is a 505 aa protein, known as 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 glucos and enhances the expression of several pancreatic beta-cell transcription factors. Blk protein is expressed exclusively by B lymphocytes.

**Synonyms:**

MODY11

**Protein Families:**

Druggable Genome, Protein Kinase

**Product images:**

WB: The cell lysate derived from Jurkat was immunoblotted by the Rabbit anti-Caspase-10 antibody at 1:500. An immunoreactive bands was observed around 56kDa.