

## Product datasheet for **TA369834**

### BLNK Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: LOVO cell lysate IHC: 40-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm or Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human BLNK
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	50 kDa
Gene Name:	B-cell linker
Database Link:	<a href="#">Entrez Gene 29760 Human Q8WW28</a>



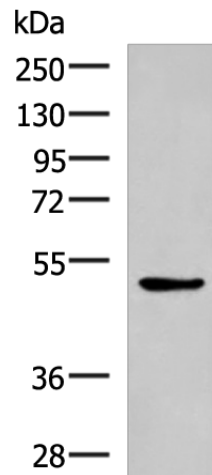
[View online »](#)

**Background:**

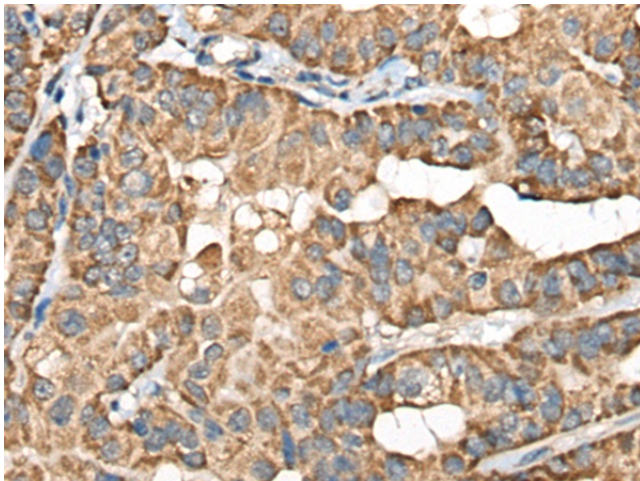
This gene encodes a cytoplasmic linker or adaptor protein that plays a critical role in B cell development. This protein bridges B cell receptor-associated kinase activation with downstream signaling pathways, thereby affecting various biological functions. The phosphorylation of five tyrosine residues is necessary for this protein to nucleate distinct signaling effectors following B cell receptor activation. Mutations in this gene cause hypoglobulinemia and absent B cells, a disease in which the pro- to pre-B-cell transition is developmentally blocked. Deficiency in this protein has also been shown in some cases of pre-B acute lymphoblastic leukemia. Alternatively spliced transcript variants have been found for this gene.

**Synonyms:**

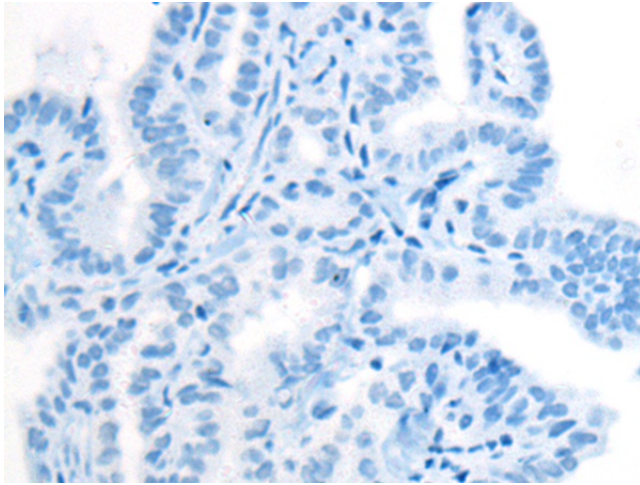
BASH; BLNK-S; Ly57; MGC111051; OTTHUMP00000020168; SLP-65; SLP65

**Product images:**

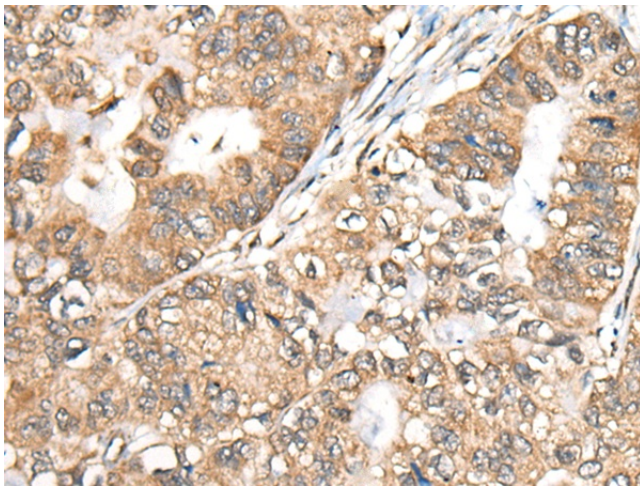
Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane: LOVO cell lysate  
Primary antibody: TA369834 (BLNK Antibody) at dilution 1/600  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 20 seconds



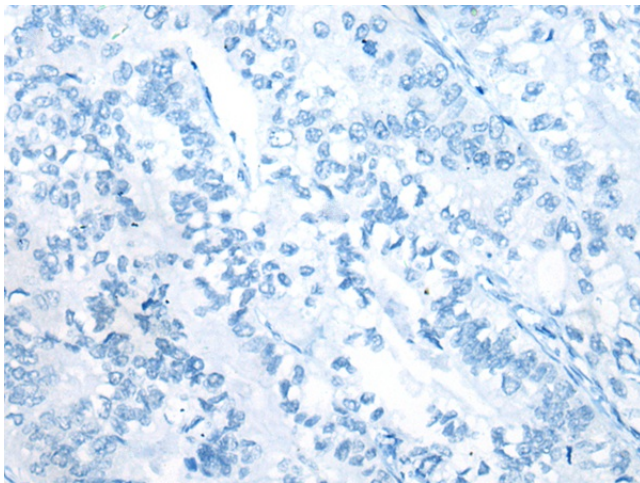
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369834 (BLNK Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369834 (BLNK Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA369834 (BLNK Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA369834 (BLNK Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )