

BTK Antibody

Catalog No: #32321

Package Size: #32321-1 50ul #32321-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

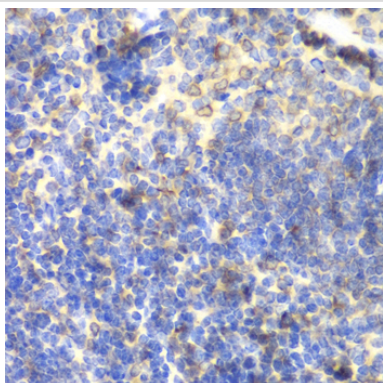
Description

Product Name	BTK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total BTK protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human BTK (NP_000052.1).
Conjugates	Unconjugated
Target Name	BTK
Other Names	AGMX1;AT;ATK;BPK;IMD1;PSCTK1;XLA;BTK
Accession No.	Uniprot:Q06187GenelD:695
SDS-PAGE MW	Refer to Figures
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

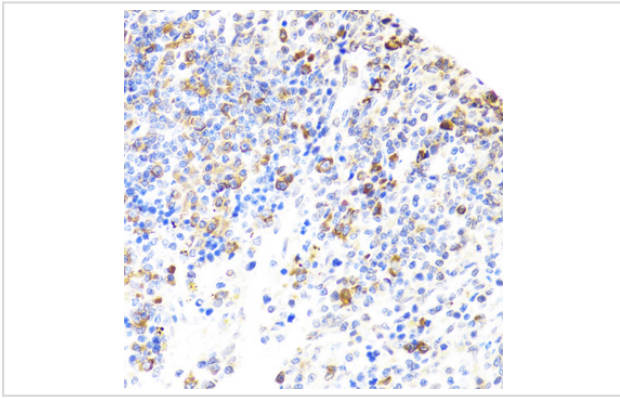
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:100

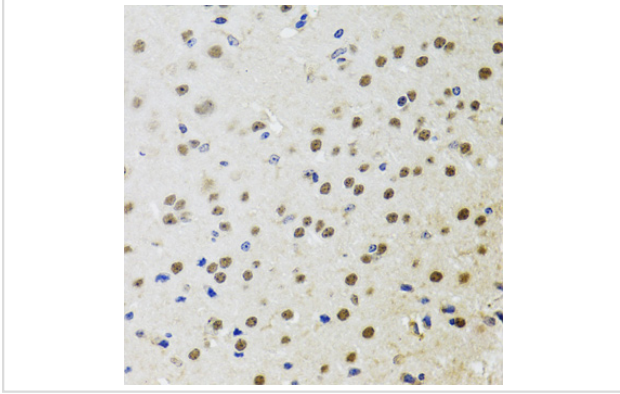
Images



Immunohistochemistry of paraffin-embedded mouse spleen using BTK antibody.



Immunohistochemistry of paraffin-embedded rat spleen using BTK antibody.



Immunohistochemistry of paraffin-embedded mouse brain using BTK antibody.

Background

The protein encoded by this gene plays a crucial role in B-cell development. Mutations in this gene cause X-linked agammaglobulinemia type 1, which is an immunodeficiency characterized by the failure to produce mature B lymphocytes, and associated with a failure of Ig heavy chain rearrangement. Alternative splicing results in multiple transcript variants encoding different isoforms.

Published Papers

el at., BAP31 Plays an Essential Role in Mouse B Cell Development via Regulation of BCR Signaling. In Int J Mol Sci on 2024 May 2
by Bo Zhao, Fei An,et al..PMID:38732181, , (2024)
[PMID:38732181](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.