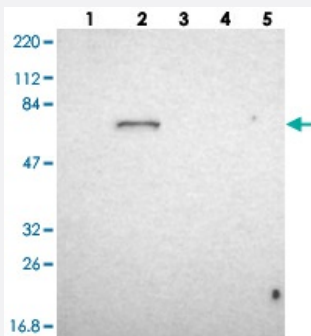


SH2B3 polyclonal antibody

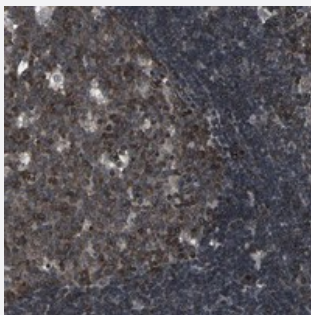
Catalog # PAB20298 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with SH2B3 polyclonal antibody (Cat # PAB20298) at 1:250-1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human lymph node with SH2B3 polyclonal antibody (Cat # PAB20298) shows strong nuclear membrane positivity in reaction center cells and lymphoid cells outside reaction center at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant SH2B3.
Immunogen	Recombinant protein corresponding to amino acids of human SH2B3.
Sequence	FDPPKSSRPKLQAACSSIQEVRRCTRLEMPDNLYTFVLKVKDRTDIIFEVGDEQQQLNSWMAELSE CTGRGLESTEAMHIPSALPSTSSSPRGSTDLSNQGASPGLLDPACQKTDHFLSCYPWFH
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — SH2B3

Entrez GeneID	10019
Protein Accession#	Q9UQQ2
Gene Name	SH2B3
Gene Alias	CELIAC13, LNK
Gene Description	SH2B adaptor protein 3
Omim ID	605093
Gene Ontology	Hyperlink

Gene Summary

T-cell activation requires stimulation of the T-cell receptor (TCR; see MIM 186880)-CD3 (see CD 3Z; MIM 186780) complex, followed by recruitment of an array of intracellular signaling proteins (e.g., GRB2 (MIM 108355) and PLCG1 (MIM 172420)). Mediating the interaction between the extracellular receptors and intracellular signaling pathways are adaptor proteins such as LAT (MIM 602354), TRIM (MIM 604962), and LNK.[supplied by OMIM]

Other Designations

lymphocyte adaptor protein

Pathway

- [Neurotrophin signaling pathway](#)

Disease

- [Addison Disease](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Nasal Polyps](#)