SH2B3 Rabbit pAb

CatalogNo: YN1296

Key Features

Host Species
- Rabbit

Reactivity
- Human,Rat,Mouse,

Applications
- WB,ELISA

MW
- 63kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-2000
ELISA 1:5000-20000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SH2B3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name	SH2B3 LNK

Protein Name SH2B adapter protein 3 (Lymphocyte adapter protein) (Lymphocyte-specific adapter protein Lnk) (Signal transduction protein Lnk)

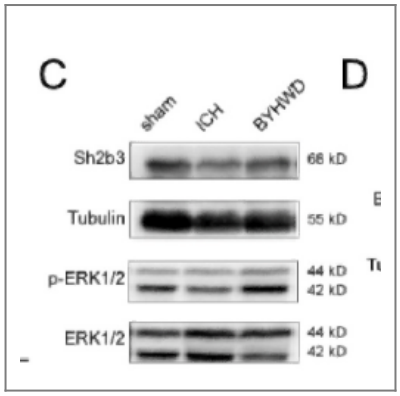
Organism	Gene ID	UniProt ID
Human	10019;	Q9UQQ2;
Mouse		O09039;
Rat		P50745;

Cellular Localization cytosol,

Tissue specificity Preferentially expressed by lymphoid cell lines.

Function Disease:Genetic variations in SH2B3 are associated with susceptibility to celiac disease type 13 (CELIAC13)[MIM:612011]; also known as susceptibility to gluten-sensitive enteropathy type 13. Celiac disease is a multifactorial disorder of the small intestine that is influenced by both environmental and genetic factors. It is characterized by malabsorption resulting from inflammatory injury to the mucosa of the small intestine after the ingestion of wheat gluten or related rye and barley proteins. In its classic form, celiac disease is characterized in children by malabsorption and failure to thrive.,Disease:Genetic variations in SH2B3 are associated with susceptibility to insulin-dependent diabetes mellitus (IDDM) [MIM:222100]; also known as diabetes mellitus type 1. IDDM normally starts in childhood or adolescence and is caused by the body's own immune system which destroys the insulin-producing beta cells in the pancreas. Classical features are polydipsia, polyphagia and polyuria, due to hyperglycemia-induced osmotic diuresis.,Function:Links T-cell receptor activation signal to phospholipase C-gamma-1, GRB2 and phosphatidylinositol 3-kinase.,PTM:Tyrosine phosphorylated by LCK.,similarity:Belongs to the SH2B adapter family.,similarity:Contains 1 PH domain.,similarity:Contains 1 SH2 domain.,subunit:Binds to the tyrosine-phosphorylated TCR zeta chain via its SH2 domain.,tissue specificity:Preferentially expressed by lymphoid cell lines.,

Validation Data



A novel strategy of integrating network pharmacology and transcriptome reveals antiapoptotic mechanisms of Buyang Huanwu Decoction in treating intracerebral hemorrhage. JOURNAL OF ETHNOPHARMACOLOGY Tao Tang WB Mouse 1:1000 ipsilateral striatum

Contact information

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