



Anti-DBNL (aa 275-325) polyclonal antibody (DPABH-11744)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Actin-binding adapter protein. May act as a common effector of antigen receptor-signaling pathways in leukocytes. Its association with dynamin suggests that it may also connect the actin cytoskeleton to endocytic function. Acts as a key component of the immunological synapse that regulates T-cell activation by bridging TCRs and the actin cytoskeleton to gene activation and endocytic processes. Binds to F-actin but is not involved in actin polymerization, capping or bundling. Does not bind G-actin.
Immunogen	Synthetic peptide corresponding to a region within amino acids 275-325 of Human HIP55 (NP_001014436.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IP
Format	Liquid
Size	100 µg
Buffer	Constituent: 99% Tris citrate/phosphate Note: pH 7 to 8
Preservative	0.09% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	DBNL_drebrin-like [Homo sapiens]
Official Symbol	DBNL
Synonyms	DBNL; drebrin-like; ABP1; HIP55; SH3P7; HIP-55; drebrin-like protein; drebrin-F; cervical SH3P7; SH3 domain-containing protein 7; cervical mucin-associated protein; HPK1-interacting protein of 55 kDa; src homology 3 domain-containing protein HIP-55;
Entrez Gene ID	28988
Protein Refseq	NP_001014436.1
UniProt ID	Q9UJU6
Pathway	Apoptosis; Apoptotic execution phase; JNK signaling in the CD4+ TCR pathway; TCR signaling in naive CD4+ T cells.
Function	actin binding; actin filament binding; enzyme activator activity; protein C-terminus binding