



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide corresponding to a region within amino acids 275-325 of Human HIP55 (NP_001014436.1).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IP
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Constituent: 99% Tris citrate/phosphateNote: pH 7 to 8
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">DBNL drebrin-like [ Homo sapiens ]</a>
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	<a href="#">28988</a>
Protein Refseq	<a href="#">NP_001014436.1</a>
UniProt ID	<a href="#">Q9UJU6</a>
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