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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-SH3GL2 Antibody Picoband® (monoclonal, 6I8E1) HRP Conjugated

Catalog Number: M05430-HRP

About SH3GL2

Endophilin-A1 is a protein that in humans is encoded by the SH3GL2 gene. Endophilin proteins are part of a large family of Bin/Amphiphysin/Rvs (BAR) domain proteins that are involved in cell membrane remodeling. The endophilins are encoded by five genes, which produce endophilin A 1-3 and B 1-2. Endophilins are involved in many cellular mechanisms, such as synaptic vesicle recycling, receptor trafficking, and membrane remodeling processes. Research studies indicate that endophilin 1 (endophilin A1, SH3GL2) can induce different membrane shapes and participate in the morphogenesis of dendritic spines. Endophilin 1 is also involved in regulating blood brain barrier permeability via the EGFR-JNK pathway.

Overview

Product Name	Anti-SH3GL2 Antibody Picoband® (monoclonal, 6I8E1) HRP Conjugated
Reactive Species	Mouse, Rat
Application	WB, IHC, ELISA
Clonality	Monoclonal 6I8E1
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Mouse
Uniprot ID	Q99962

Technical Details

Immunogen	E.coli-derived human SH3GL2 recombinant protein (Position: R65-Q292).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG2a
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. ELISA, Optimal dilutions should be determined by end users.

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For Research Use Only. Not for use in diagnostic procedures.