

ERC2 rabbit pAb

Cat No.: ES16696

For research use only

Overview

Product Name ERC2 rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human; Mouse;Rat Recommended dilutions WB 1:500-2000

Immunogen Synthesized peptide derived from human ERC2 AA

range: 368-418

Specificity This antibody detects endogenous levels of ERC2 at

Human/Mouse/Rat

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name ERC2

Gene Name ERC2 KIAA0378

Cellular localization Cytoplasm . Cell junction, synapse . Cell junction,

synapse, presynaptic active zone. Cytoplasm,

cytoskeleton. In neurons, localized to synapses, and colocalizes with PCLO. Localized to the active zone of

presynaptic density (By similarity). .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 105kD
Human Gene ID 26059
Human Swiss-Prot Number O15083
Alternative Names ERC protein 2

Background This gene encodes a protein that belongs to the

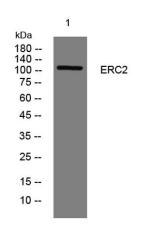
Rab3-interacting molecule (RIM)-binding protein family. Members of this protein family form part of the cytomatrix at the active zone (CAZ) complex and function as regulators of neurotransmitter release.



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Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2015],

Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night



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