

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.



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

