



# ERC2 rabbit pAb

Cat No.:ES16696

For research use only

## Overview

<b>Product Name</b>	ERC2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB
<b>Species Cross-Reactivity</b>	Human; Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000
<b>Immunogen</b>	Synthesized peptide derived from human ERC2 AA range: 368-418
<b>Specificity</b>	This antibody detects endogenous levels of ERC2 at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	ERC2
<b>Gene Name</b>	ERC2 KIAA0378
<b>Cellular localization</b>	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). .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	105kD
<b>Human Gene ID</b>	26059
<b>Human Swiss-Prot Number</b>	O15083
<b>Alternative Names</b>	ERC protein 2
<b>Background</b>	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

