

Erc2 polyclonal antibody

Catalog # PAB15701 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant mouse Erc2.
Immunogen	Recombinant GST fusion protein corresponding to 153 mouse Erc2.
Sequence	LMNALEKTRQELDATKARLASTQQSLAEKEAHLANLRIERRKQLEEILEMKQEALLAAISEKDANIA LLELSASKKKKTQEEVMALKREKDRVLVHQLKQQTQNRMKLMADNYDEDHHHHYHHHHHHHHHRS PGRSQHSNHRPSPDQDDEEGIWA
Host	Rabbit
Reactivity	Mouse
Specificity	Specific to recombinant protein GX0090. This antibody detects endogenous mERC2 protein in cerebellar purkinje cells.
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Gene Info — Erc2

Entrez GeneID	238988
Protein Accession#	AK122265
Gene Name	Erc2
Gene Alias	6430531D06, CAST, CAST1/ERC2, D14Ert171e
Gene Description	ELKS/RAB6-interacting/CAST family member 2
Gene Ontology	Hyperlink
Other Designations	CAZ-associated structural protein

Publication Reference

- [A comprehensive approach for establishment of the platform to analyze functions of KIAA proteins II: public release of inaugural version of InGaP database containing gene/protein expression profiles for 127 mouse KIAA genes/proteins.](#)
Hisashi Koga, Shigeki Yuasa, Takahiro Nagase, Kiyo Shimada, Mihoko Nagano, Kazuhide Imai, Reiko Ohara, Daisuke Nakajima, Masatoshi Murakami, Makoto Kawai, Futaba Miki, Junji Magae, Susumu Inamoto, Noriko Okazaki, Osamu Ohara.
DNA Research 2004 Aug; 11(4):293.
- [Physical and functional interaction of the active zone proteins, CAST, RIM1, and Bassoon, in neurotransmitter release.](#)
Takao-Rikitsu E, Mochida S, Inoue E, Deguchi-Tawarada M, Inoue M, Ohtsuka T, Takai Y.
The Journal of Cell Biology 2004 Jan; 164(2):301.
Application: IF, IP, WB, Rat, Rat brain
- [High-throughput production of recombinant antigens for mouse KIAA proteins in Escherichia coli: computational allocation of possible antigenic regions, and construction of expression plasmids of glutathione-S-transferase-fused antigens by an in vitro recombination-assisted method.](#)
Hara Y, Shimada K, Kohga H, Ohara O, Koga H.
DNA Research 2003 Jun; 10(3):129.