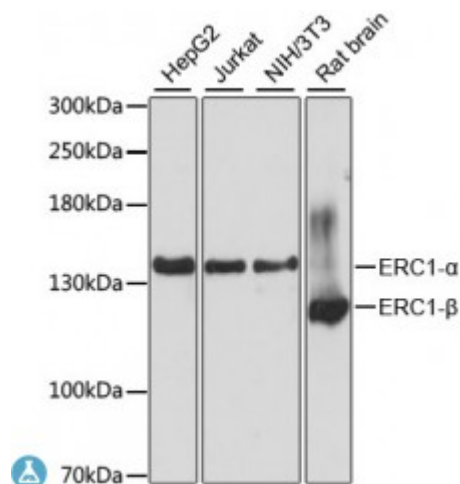


Anti-ERC1 Antibody



Description

The protein encoded by this gene is a member of a family of RIM-binding proteins. RIMs are active zone proteins that regulate neurotransmitter release. This gene has been found fused to the receptor-type tyrosine kinase gene RET by gene rearrangement due to the translocation t(10;12)(q11;p13) in thyroid papillary carcinoma. Alternative splicing results in multiple transcript variants.

Model	STJ116361
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 700-850 of human ERC1 (NP_829884.1).
Gene ID	23085
Gene Symbol	ERC1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Widely expressed, Isoform 2 and isoform 4 are abundantly expressed in brain, Isoform 1 and isoform 3 are predominantly expressed in testis and thyroid, and isoform 1 predominates in other tissues tested
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	ELKS/Rab6-interacting/CAST family member 1 ERC-1 Rab6-interacting protein 2

Molecular Weight	128.086 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:17072OMIM:607127
Alternative Names	ELKS/Rab6-interacting/CAST family member 1 ERC-1 Rab6-interacting protein 2
Function	Regulatory subunit of the IKK complex, Probably recruits I κ B α /NF κ B to the complex, May be involved in the organization of the cytomatrix at the nerve terminals active zone (CAZ) which regulates neurotransmitter release, May be involved in vesicle trafficking at the CAZ, May be involved in Rab-6 regulated endosomes to Golgi transport,
Cellular Localization	Cytoplasm,

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