For Research Use Only

ERC2 Polyclonal antibody

Catalog Number:21396-1-AP 1 Publications

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Basic Information

Catalog Number:
21396-1-AP

Size:
150ul , Concentration: 1500 ug/ml by Nanodrop and 573 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16080

GenBank Accession Number:
BC111550

GeneID (NCBI):
26059

UNIPROT ID:
O15083

Full Name:
ELKS/RAB6-interacting/CAST family member 2

Calculated MW:
957 aa, 111 kDa

Observed MW:
115-120 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:2000-1:16000
IHC: 1:200-1:800
IF/ICC: 1:200-1:800

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : fetal human brain tissue,

IHC : human bowen disease,

IF/ICC : HeLa cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Yu-Bing Wang	41173820	Transl Psychiatry	WB

Storage

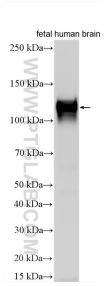
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

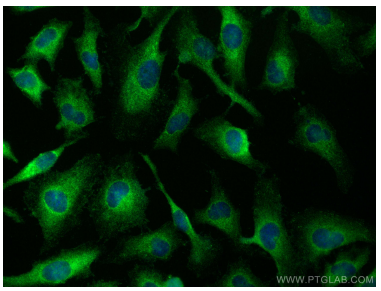
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

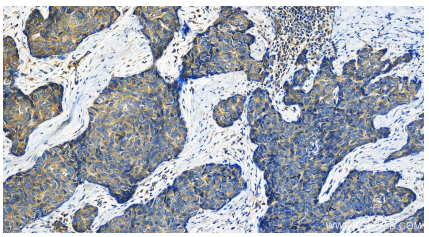
Selected Validation Data



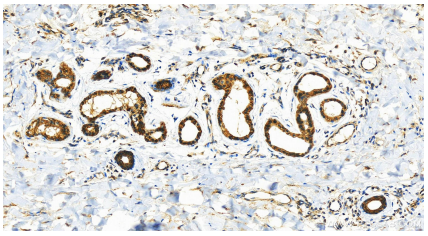
The fetal human brain was subjected to SDS PAGE followed by western blot with 21396-1-AP (ERC2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using ERC2 antibody (21396-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunohistochemical analysis of paraffin-embedded human bowen disease slide using 21396-1-AP (ERC2 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human bowen disease slide using 21396-1-AP (ERC2 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).