



Rabbit Anti-EFHA1 antibody

SL9011R

Product Name:	EFHA1
Chinese Name:	EFHA1蛋白抗体
Alias:	EF-HA1; EF hand domain containing family member A1; EF hand domain family A1; EF hand domain family member A1; EFHA1 EF hand domain family member A1; FLJ25016; FLJ34588; Smhs2 homolog; 1110008L20Rik; EFHA1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	50kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human EFHA1:351-434/434
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The EF-hand domain is a twelve amino acid loop motif that is commonly found in proteins that participate in calcium-binding events within the cell. EF-hand domains generally exist in a pair that, together, form a stable four-helix bundle that enables the binding of calcium ions. EF-HA1 (EF-hand domain family, member A1) is a 434 amino acid protein that contains four EF-hand domains, suggesting a role in calcium-mediated

events throughout the cell. The gene encoding EF-HA1 maps to human chromosome 13, which houses over 400 genes, such as BRCA2 and RB1, and comprises nearly 4% of the human genome. Trisomy 13, also known as Patau syndrome, is deadly and the few who survive past one year suffer from permanent neurologic defects, difficulty eating and vulnerability to serious respiratory infections.

Similarity:

Contains 4 EF-hand domains.

SWISS:

Q8IYU8

Gene ID:

221154

Database links:

[Entrez Gene: 221154](#) Human

[Entrez Gene: 68514](#) Mouse

[Entrez Gene: 171433](#) Rat

[Omim: 610632](#) Human

[SwissProt: Q8IYU8](#) Human

[SwissProt: Q8CD10](#) Mouse

[SwissProt: Q99P63](#) Rat

[Unigene: 412103](#) Human

[Unigene: 26834](#) Mouse

[Unigene: 64644](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.