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Rabbit Anti-Calcyphosine 2 antibody

SL12163R

Product Name:	Calcyphosine 2
Chinese Name:	钙磷蛋白2抗体
Alias:	Calcyphosin 2; Calcyphosin-2; Calcyphosine-2; Calcyphosine2; Calcyphosphine 2; CAPS 2; CAPS2; CAYP2_HUMAN; D630005B03Rik; FLJ34520; OTTHUMP00000202412; OTTMUSP00000027695; UG0636c06.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	64kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Calcyphosine 2/CAPS2:221-320/557
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:	CAPS2 is a 557 amino acid calcium-binding protein that is abundantly expressed, with highest expression found in placenta, testis, colon, lung and brain. CAPS2 contains three EF-hand domains and exists as three alternatively spliced isoforms. Suggested to play a role in large dense-core vesicle (LDCV) exocytosis, CAPS2 is encoded by a gene

	that maps to human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5% of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and trisomy 12p, which causes facial developmental defects and seizure disorders. **Subcellular Location:** Cell membrane **Tissue Specificity:** Abundantly expressed in many tissues. Expressed in brain, colon, heart, kidney, liver, lung, liver, pancreas, placenta, skeletal muscle, testis and thymus. Highest expression in colon, testis, lung, placenta and brain. **Similarity:** Contains 3 EF-hand domains. **SWISS:** Q86UW7 **Gene ID:** 93664 **Database links:** Entrez Gene: 93664 Human Entrez Gene: 320405 Mouse Omim: 609978 Human SwissProt: Q86UW7 Human SwissProt: Q8BYR5 Mouse Unigene: 126730 Human Unigene: 379572 Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.