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Rabbit Anti-FAM62B antibody

SL11003R

Product Name:	FAM62B
Chinese Name:	延伸突触蛋白2抗体
Alias:	Chr2 synaptotagmin; CHR2SYT; E Syt2; ESYT 2; ESYT2; Extended synaptotagmin 2; Extended synaptotagmin like protein 2; FAM 62B antibody Family with sequence similarity 62 (C2 domain containing) member B; Family with sequence similarity 62 member B; KIAA1228; Protein FAM62B; ESYT2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=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:	102kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ESYT2/FAM62B:801-921/921
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:	Encoding over 1,100 genes within 132 million bases, chromosome 12 makes up about 4.5% of the human genome. A number of skeletal deformities are linked to chromosome 12 including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Noonan syndrome, which includes heart and facial developmental defects among the primary

	symptoms, is caused by a mutant form of PTPN11 gene product, SH-PTP2. Chromosome 12 is also home to a homeobox gene cluster which encodes crucial transcription factors for morphogenesis, and the natural killer complex gene cluster encoding C-type lectin proteins which mediate the NK cell response to MHC I interaction. Trisomy 12p leads to facial development defects, seizure disorders and a host of other symptoms varying in severity depending on the extent of mosaicism and is most severe in cases of complete trisomy. The FAM62A gene product has been provisionally designated FAM62A pending further characterization. **Function:** May play a role as calcium-regulated intrinsic membrane protein. **Subcellular Location:** Cell membrane; Multi-pass membrane protein. **Tissue Specificity:** Widely expressed with high level in cerebellum. **Similarity:** Belongs to the extended synaptotagmin family. Contains 3 C2 domains. **SWISS:** A0FGR8 **Gene ID:** 57488 **Database links:** Entrez Gene: 57488 Human SwissProt: A0FGR8 Human Unigene: 490795 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.