SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-EF-CBP2 antibody

SL9016R

Product Name:	EF-CBP2
Chinese Name:	突触Binding protein2抗体
Alias:	EF hand calcium binding protein 2; EF-hand calcium-binding protein 2; N-terminal EF-hand calcium-binding protein 2; NECA2_HUMAN; Necab2; EFCBP2; EF CBP2; Neuronal calcium binding protein 2; Neuronal calcium-binding protein 2; Stip 2; Stip-2; Stip2; Synaptotagmin interacting protein 2; Synaptotagmin-interacting protein 2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,
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:	43kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human EF-CBP2:301-386/386
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:	Members of the EF-CBP (N-terminal EF-hand calcium binding protein)/NECAB (neuronal calcium-binding protein) family participate in neuronal calcium signaling. EF-CBP2, also known as NECAB2 (N-terminal EF-hand calcium binding protein 2), neuronal calcium-binding protein 2 or synaptotagmin-interacting protein 2 (Stip-2), is a

	386 amino acid cytoplasmic protein that contains one antibiotic biosynthesis monooxygenase (ABM) domain and two EF-hand domains. Expressed in brain, EF-CBP2 is suggested to bind metabotropic glutamate receptor 5 (mGluR-5) in a calcium-regulated manner. The gene encoding EF-CBP2 maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition. **Subcellular Location:** Cytoplasm (By similarity). **Tissue Specificity:** Expressed in brain **Similarity:** Contains 1 ABM domain. Contains 2 EF-hand domains. **SWISS:** Q7Z6G3 **Gene ID:** 54550 **Database links:** Entrez Gene: 54550 Human SwissProt: Q7Z6G3 Human Unigene: 140950 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.