SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CEE antibody

Catalog Number: SL6405R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CEE
Immunogen:	KLH conjugated synthetic peptide derived from human CEE: 65-110/327
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Pig, Cow, Horse)
Predicted MW.:	36kDa
Subcellular Location:	cytoplasmic
Background:	Get4 is a 327 amino acid cytoplasmic protein that exists as two alternatively spliced isoforms. Get4 forms a multiprotein complex, known as the BAT3 complex, with UBL4A, BAT3 and ARSA. The BAT3 complex plays a role in transporting tail-anchored membrane proteins to the endoplasmic reticulum membrane. The gene encoding Get4 maps to human chromosome 7p22.3. Human chromosome 7 houses over 1,000 genes, comprises nearly 5% of the human genome and has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. **Function:** Component of the BAT3 complex, a multiprotein complexinvolved in the post-translational delivery of tail-anchored (TA)membrane proteins to the endoplasmic reticulum membrane. TAmembrane proteins, also named type

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	II transmembrane proteins,contain a single C-terminal transmembrane region. The complex actsby facilitating TA proteins capture by ASNA1/TRC40: it is recruitedto ribosomes synthesizing membrane proteins, interacts with thetransmembrane region of newly released TA proteins, and transfersthem to ASNA1/TRC40 for targeting. **Subunit:** Component of the BAT3 complex, at least composed ofBAG6/BAT3, UBL4A and GET3/TRC35. **Subcellular Location:** Cytoplasm, cytosol. **Similarity:** Belongs to the GET4 family. **Database links:** **Entrez Gene:** 51608 Human Omim: 612056 Human **SwissProt:** Q7L5D6 Human **Unigene:** 107387 Human

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