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

Rabbit Anti-CEE/PE Conjugated antibody

SL6405R-PE

Product Name	Anti-CEE/PE
Chinese Name	PE 标记的跨膜结构域边缘蛋白 CEE 抗体
Alias	C7orf20; CGI 20; CGI20; Conserved edge expressed protein; Conserved edge protein; Conserved edge-expressed protein; GET 4; GET4; GET4_HUMAN; Golgi to ER traffic protein 4 homolog (S. cerevisiae); Golgi to ER traffic protein 4 homolog; Transmembrane domain recognition complex 35 kDa subunit; Transmembrane domain recognition complex 35kDa; TRC35; UPF0363 protein C7orf20; GET4_HUMAN.
Research Area	Cell biology immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Chicken,Pig,Cow,Horse)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	36kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human CEE (65-110aa)
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**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 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:
UniProtKB/Swiss-Prot: Q7L5D6.1

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