产品名称：CEP57 Rabbit Polyclonal Antibody
产品货号：APRab08668

产品概述（Summary）

产品名称（Production Name）	CEP57 Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,ELISA
种属反应性（Reactivity）	Human,Rat,Mouse

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	CEP57
别名（Alternative Names）	CEP57; KIAA0092; TSP57; Centrosomal protein of 57 kDa; Cep57; FGF2-interacting protein; Testis-specific protein 57; Translokin
基因 ID（Gene ID）	9702.0
蛋白 ID（SwissProt ID）	Q86XR8.The antiserum was produced against synthesized peptide derived from human CEP57. AA range:241-290

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量（Molecular Weight）	50kDa

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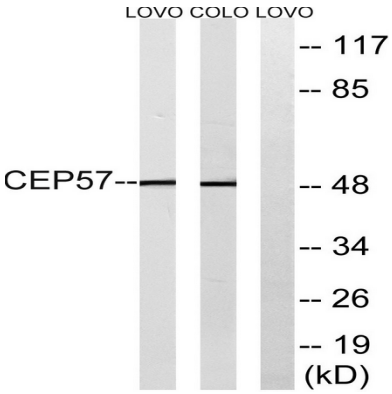
研究背景（Background）

This gene encodes a cytoplasmic protein called Translokin. This protein localizes to the centrosome and has a function in microtubular stabilization. The N-terminal half of this protein is required for its centrosome localization and for its multimerization, and the C-terminal half is required for nucleating, bundling and anchoring microtubules to the centrosomes. This protein specifically interacts with fibroblast growth factor 2 (FGF2), sorting nexin 6, Ran-binding protein M and the kinesins KIF3A and KIF3B, and thus mediates the nuclear translocation and mitogenic activity of the FGF2. It also interacts with cyclin D1 and controls nucleocytoplasmic distribution of the cyclin D1 in quiescent cells. This protein is crucial for maintaining correct chromosomal number during cell division. Mutations in this gene cause mosaic variegated aneuploidy syndrome, a rare autosomal recessive disorder. Multiplefunction:Mediates nuclear translocation and mitogenic activity of the internalized growth factor FGF2.,similarity:Belongs to the translokin family.,subcellular location:Associates with microtubules and the centrosome.,subunit:Homodimer. Interacts with FGF2 and RAP80. Does not interact with FGF1 or FGF2 isoform 24 kDa.,tissue specificity:Ubiquitous.,

研究领域（Research Area）

图片（Image Data）



Western blot analysis of lysates from COLO and LOVO cells, using CEP57 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项（Note）

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