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Mouse Anti-COPE antibody

SLM-60452M

Product Name	COPE
Chinese Name	外壳蛋白 COPE 单克隆抗体
Alias	COPE_HUMAN; Coatomer subunit epsilon; Epsilon-coat protein (Epsilon-COP); COPI coat complex subunit epsilon;
Immunogen Species	Mouse
Clonality	Monoclonal
Clone NO.	H12B9
React Species	Human
Applications	WB=1:2000-5000,ICC/IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	34kDa
Cellular localization	cytoplasmic The cell membrane
Form	Liquid
Concentration	1mg/ml
Lsotype	IgG1/Kappa
Purification	Affinity purified by Protein G
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	The product of this gene is an epsilon subunit of coatomer protein complex. Coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles. It is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins. Coatomer complex consists

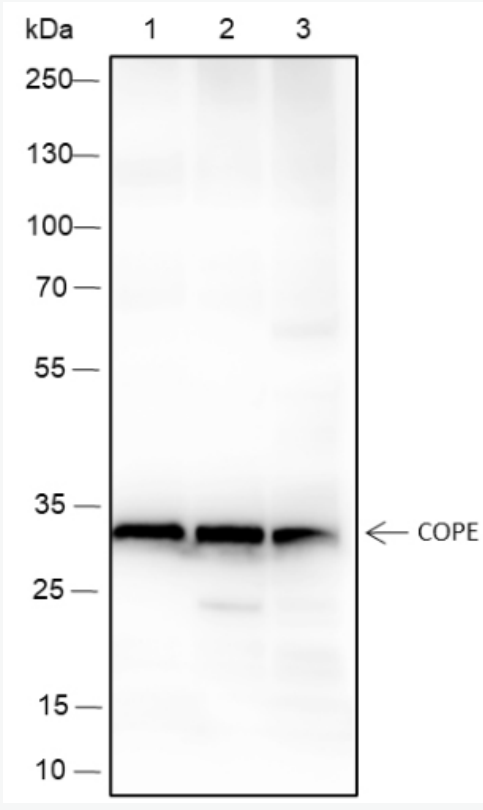
of at least the alpha, beta, beta', gamma, delta, epsilon and zeta subunits. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

SWISS:
O14579

Gene ID:
11316

共溶体是一种细胞溶质蛋白复合物，与二赖氨酸基序结合，并与高尔基体非网格蛋白包被的囊泡可逆结合，后者进一步介导从内质网经高尔基体向反高尔基体网络的生物合成蛋白转运。共溶体复合体是高尔基体膜出芽所必需的，也是二赖氨酸标记蛋白从高尔基体到内质网逆行转运所必需的。在哺乳动物中，只有与 ADP-核糖基化因子（ARFs）相关的膜才能招募共聚体，ARFs 是一种小的 GTPBinding protein，这种复合物还影响高尔基体的结构完整性，以及低密度 Lipoprotein 受体的加工、活性和内吞循环。

Product Picture



Blocking buffer: 5% NFDM/TBST

Primary Ab dilution: 1:20000

Primary Ab incubation condition: room temperature 2h

Secondary Ab: Goat Anti-Mouse IgG H&L (HRP)

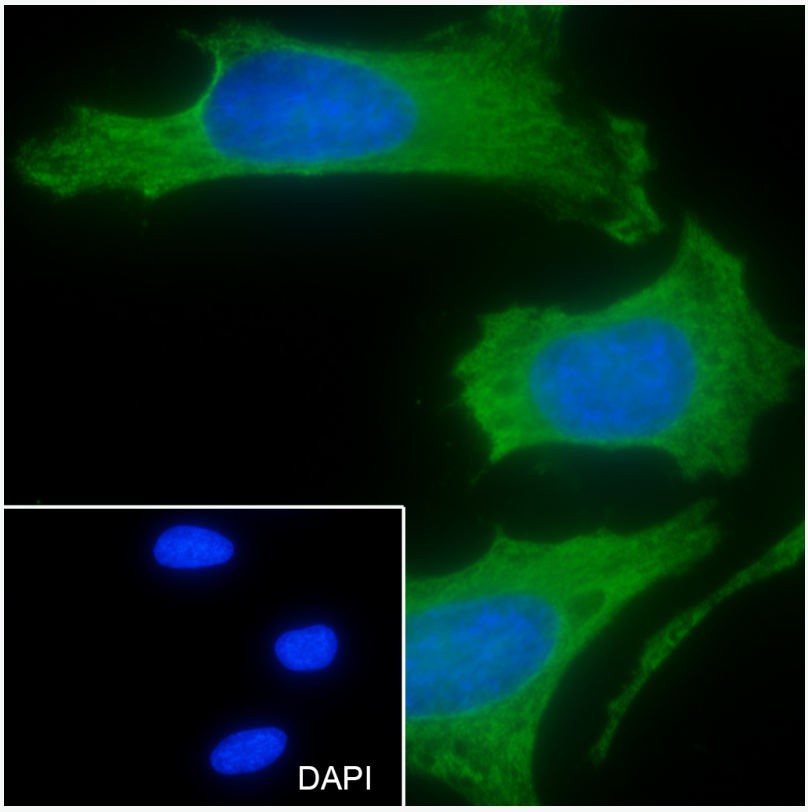
Lysate: 1: HeLa, 2: 293, 3: MCF-7

Protein loading quantity: 20 μg

Exposure time: 10 s

Predicted MW: 32 kDa

Observed MW: 32 kDa



Cell line: HeLa

Fixative: 100% Ice-cold methanol

Permeabilization: 0.1% TritonX-100

Primary Ab dilution: 1:50

Primary incubation condition: 4°C overnight

Secondary Ab: Goat Anti-Mouse IgG

Nuclear counter stain: DAPI (Blue)

Comment: Color green is the positive signal for SLM-60452M