

bs-14568R**[Primary Antibody]****BioSS**
ANTIBODIES

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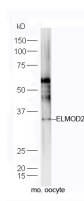
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

ELMOD2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Cow, Dog, Horse)
GeneID: 255520	SWISS: Q8IZ81	Predicted MW.: 35 kDa
Target: ELMOD2		Subcellular Location: Cytoplasm
Immunogen: KLH conjugated synthetic peptide derived from human ELMOD2: 151-250/293.		
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°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: ELMOD2 is a 293 amino acid protein that is one of six human proteins that contain an ELMO domain. ELMOD2 is thought to interact with DOCK1 through a SH3-binding site, which enhances the guanine nucleotide exchange factor (GEF) activity of DOCK1. Therefore, ELMOD2 may also be part of a complex with DOCK1 and Rac1 that is required to activate Rac Rho small GTPases. Evidence of decreased ELMOD2 expression in lung of individuals with familial idiopathic pulmonary fibrosis (IPF) suggests that defects in the gene encoding ELMOD2 may be linked to susceptibility for familial IPF.		

— VALIDATION IMAGES —

Sample: oocyte (Mouse) CellLysate at 40 ug
Primary: Anti-ELMOD2 (bs-14568R) at 1/300
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 35 kD Observed band size: 35 kD