

bs-14566R**[Primary Antibody]****Bioss**
ANTIBODIES

www.bioss.com.cn

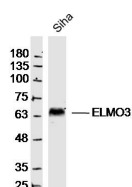
sales@bioss.com.cn

techsupport@bioss.com.cn

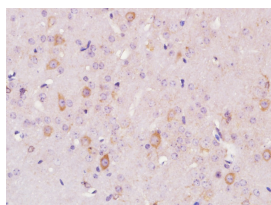
400-901-9800

ELMO3 Rabbit pAb**— DATASHEET —**

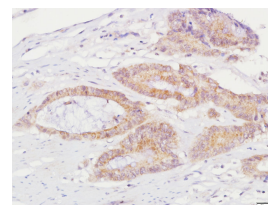
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Pig, Cow, Dog, GuineaPig, Horse) Predicted MW.: 69 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 79767	SWISS: Q96BJ8	
Target: ELMO3		
Immunogen: KLH conjugated synthetic peptide derived from human ELMO3: 501-600/720.		
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: Elmo1 associates with DOCK 180 and may influence phagocytosis and effect cell shape changes. Src family kinase mediated tyrosine phosphorylation of ELMO1 influences signaling through Elmo1/Crk/DOCK 180 pathways. Elmo2 interacts directly with Rho G in a GTP-dependent manner and forms a ternary complex with DOCK 180 to induce activation of Rac 1. The RhoG-Elmo2-DOCK 180 pathway is required for activation of Rac 1 and cell spreading mediated by integrin, as well as for neurite outgrowth induced by nerve growth factor. Elmo3 acts in association with DOCK180 and Crk II and may be required in complex with DOCK180 to activate Rac/Rho small GTPases.		

— VALIDATION IMAGES —

Sample: SiHa(Human) Cell Lysate at 30 ug
Primary: Anti- ELMO3 (bs-14566R) at 1/300
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 69 kD Observed band size: 69 kD



Paraformaldehyde-fixed, paraffin embedded
(Mouse brain); Antigen retrieval by boiling in
sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Antibody
incubation with (ELMO3) Polyclonal Antibody,
Unconjugated (bs-14566R) at 1:400 overnight at
4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructions and DAB
staining.



Paraformaldehyde-fixed, paraffin embedded
(Human colon cancer); Antigen retrieval by
boiling in sodium citrate buffer (pH6.0) for
15min; Block endogenous peroxidase by 3%
hydrogen peroxide for 20 minutes; Blocking
buffer (normal goat serum) at 37°C for 30min;
Antibody incubation with (ELMO3) Polyclonal
Antibody, Unconjugated (bs-14566R) at 1:400
overnight at 4°C, followed by operating
according to SP Kit(Rabbit) (sp-0023)
instructions and DAB staining.