

bs-17485R**[Primary Antibody]****SIDT2 Rabbit pAb****BioSS**
ANTIBODIES

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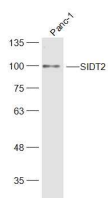
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Zebrafish, Dog, Horse)
GeneID: 51092	SWISS: Q8NBJ9	
Target: SIDT2		Predicted MW.: 93 kDa
Immunogen: KLH conjugated synthetic peptide derived from human SIDT2: 201-300/832. < Extracellular >		Subcellular Location: Cell membrane
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: SID-1 and SID-2 belong to the systemic RNA interference defective-1 (SID1) family of transmembrane proteins. SID-1, originally identified in <i>C. elegans</i> , is an 827 amino acid long protein. It localizes to the cell membrane and contains eleven transmembrane domains. This suggests that SID-1 possibly functions as a channel protein. The overexpression of SID-1 enhances double stranded RNA (dsRNA) uptake in pancreatic ductal adenocarcinoma cells. SID-2, also first identified in <i>C. elegans</i> , is an 832 amino acid long protein with multiple transmembrane domains. At least two isoforms exist for SID-2 due to alternative splicing. Isoform 2 contains an additional 21 amino acids after residue 387 and has an alternate sequence that is 8 amino acids shorter for residues 814 to 832 of isoform 1.		

— VALIDATION IMAGES —

Sample: Panc-1(Human) Cell Lysate at 30 ug
Primary: Anti- SIDT2 (bs-17485R) at 1/300
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 93 kD Observed band size: 98 kD