

bs-17529R**[Primary Antibody]****OSTA Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Dog, Horse) Predicted MW.: 37 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 200931	SWISS: Q86UW1	
Target: OSTA		
Immunogen: KLH conjugated synthetic peptide derived from human OSTA: 1-100/340. < Extracellular >		
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: OSTA is an essential component of the Ost-alpha/Ost-beta complex, a heterodimer that acts as the intestinal basolateral transporter responsible for bile acid export from enterocytes into portal blood. It efficiently transports the major species of bile acids.		

— SELECTED CITATIONS —

- **[IF=6.388]** Fangle Liu. et al. Nigakinone alleviates DSS-induced experimental colitis via regulating bile acid profile and FXR/NLRP3 signaling pathways. PHYTOTHER RES. 2022 Aug;; WB ;Rat. 36054406
- **[IF=5.6]** Jiahao Lai. et al. Melatonin alleviates necrotizing enterocolitis by reducing bile acid levels through the SIRT1/FXR signalling axis. INT IMMUNOPHARMACOL. 2024 Feb;128:111360 WB ;Human. 38176339
- **[IF=3.826]** Luan, Z et al. Discovery of new iridoids as FXR agonists from Morinda officinalis: Agonistic potentials and molecular stimulations WB ;Human. 10.1002/cjoc.202000654
- **[IF=3.69]** Meiqi Wang. et al. Network pharmacology-based mechanism prediction and pharmacological validation of Xiaoyan Lidan formula on attenuating alpha-naphthylisothiocyanate induced cholestatic hepatic injury in rats. J Ethnopharmacol. 2021 Apr;270:113816 WB ;Rat. 33444723