

Nur für Forschungszwecke

MIST1 Polyklonaler Antikörper

Katalog-Nr.:29853-1-AP



Allgemeine Informationen

Katalog-Nr.: 29853-1-AP	GenBank-Zugangsnummer: NM_177455	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 600 µg/ml von Nanodrop;	GeneID (NCBI): 168620	Empfohlene Verdünnungen: WB 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: basic helix-loop-helix family, member a15	
Isotyp: IgG	Berechnete Masse: 21 kDa	
Immunogen Katalognummer: AG32096	Beobachtete Masse: 20-30 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : Maus-Pankreasgewebe, Ratten-Pankreasgewebe
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

Muscle intestine stomach expression 1 (MIST1), also named BHLHA15, is a secretory cell transcription factor that belongs to the basic helix-loop-helix superfamily. MIST1 is mainly expressed in serous secreted cells and essential for the development and maturation of secretory cells. Secretory cells lacking MIST1 exhibit structural and functional defects, including alterations in cytoskeletal organization and cell polarity and improper cell-cell junction. In healthy pancreata, MIST1 facilitates cell-to-cell communication, promotes acinar cell polarity, controls Ca²⁺ flux, promotes unfolded protein response (UPR) homeostasis, aids in vesicle assembly, and is required for regulated exocytosis. MIST1 was downregulated in pancreatic cancer tissues compared with normal or adjacent pancreatic tissues and lower MIST1 expression in pancreatic cancer cell lines than normal acinar cells (PMID:29859299).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

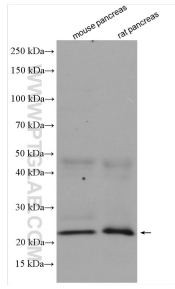
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 29853-1-AP (MIST1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.