10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-RNASE4 Antibody

Catalog # AP53829

Product Information

Application	WB
Primary Accession	P34096
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16840

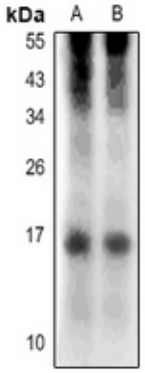
Additional Information

Gene ID	6038
Other Names	RNS4; Ribonuclease 4; RNase 4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RNASE4. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	RNASE4
Synonyms	RNS4
Function	Cleaves preferentially after uridine bases (PubMed: 3467790). Has antimicrobial activity against uropathogenic E.coli (UPEC) (PubMed:33818125). Probably contributes to urinary tract sterility (PubMed:33818125).
Cellular Location	Secreted. Note=Detected in urine.
Tissue Location	Expressed in the cortical and medullary tubules of the kidney, and in the transitional epithelium of the urinary bladder (at protein level).

Images



Western blot analysis of RNASE4 expression in PC12 (A), AML12 (B) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 17 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.