

ARG59104 anti-RNASE3 / Eosinophil cationic protein antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RNASE3 / Eosinophil cationic protein
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RNASE3 / Eosinophil cationic protein
Species	Human
Immunogen	Recombinant protein corresponding to R28-I160 of Human RNASE3 / Eosinophil cationic protein.
Conjugation	Un-conjugated
Alternate Names	Eosinophil cationic protein; RNS3; ECP; RNase 3; Ribonuclease 3; EC 3.1.27.-

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

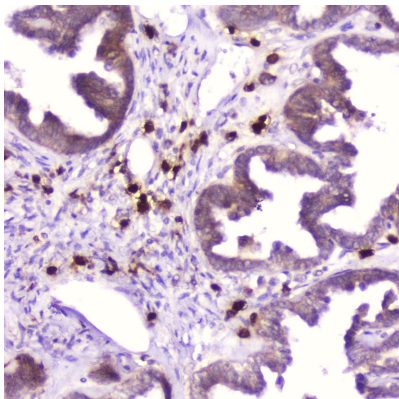
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

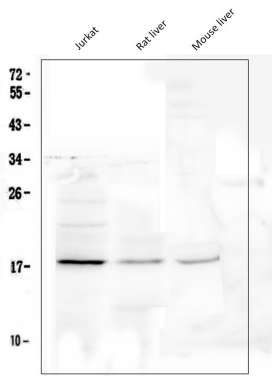
Gene Symbol	RNASE3
Gene Full Name	ribonuclease, RNase A family, 3
Background	The protein encoded by this gene belongs to the pancreatic ribonuclease family, a subset of the ribonuclease A superfamily. The protein exhibits antimicrobial activity against pathogenic bacteria [provided by RefSeq, Oct 2014]
Function	Cytotoxin and helminthotoxin with low-efficiency ribonuclease activity. Possesses a wide variety of biological activities. Exhibits antibacterial activity, including cytoplasmic membrane depolarization of preferentially Gram-negative, but also Gram-positive strains. Promotes E.coli outer membrane detachment, alteration of the overall cell shape and partial loss of cell content. [UniProt]
Calculated Mw	18 kDa
Cellular Localization	Secreted. Note=Located in the matrix of eosinophil large specific granule, which are released following activation by an immune stimulus. [UniProt]

Images



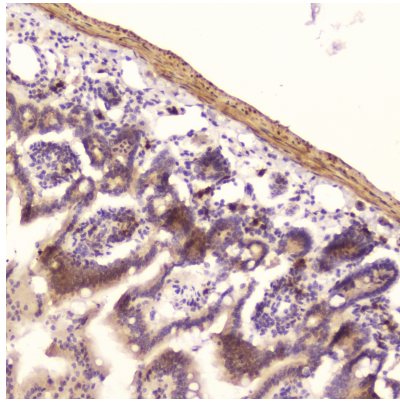
ARG59104 anti-RNASE3 / Eosinophil cationic protein antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human ovary cancer tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59104 anti-RNASE3 / Eosinophil cationic protein antibody at 2 µg/ml, overnight at 4°C.



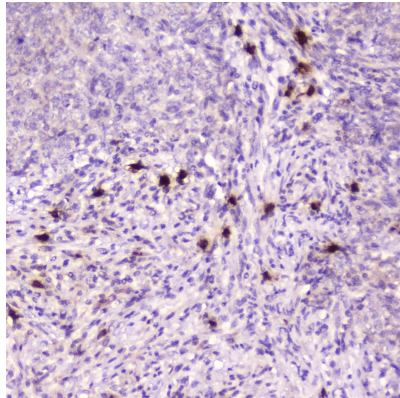
ARG59104 anti-RNASE3 / Eosinophil cationic protein antibody WB image

Western blot: 50 µg of samples under reducing conditions. Jurkat, Rat liver and Mouse liver lysates stained with ARG59104 anti-RNASE3 / Eosinophil cationic protein antibody at 0.5 µg/ml, overnight at 4°C.



ARG59104 anti-RNASE3 / Eosinophil cationic protein antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse small intestine tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59104 anti-RNASE3 / Eosinophil cationic protein antibody at 2 µg/ml, overnight at 4°C.



ARG59104 anti-RNASE3 / Eosinophil cationic protein antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human sarcoma tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59104 anti-RNASE3 / Eosinophil cationic protein antibody at 2 µg/ml, overnight at 4°C.