



# ECP Polyclonal Antibody

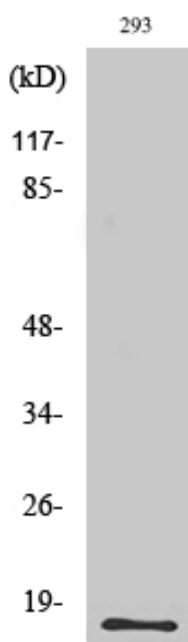
<b>Catalog No</b>	YP-Ab-01678
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	RNASE3
<b>Protein Name</b>	Eosinophil cationic protein
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ECP. AA range:102-151
<b>Specificity</b>	ECP Polyclonal Antibody detects endogenous levels of ECP protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	RNASE3; ECP; RNS3; Eosinophil cationic protein; ECP; Ribonuclease 3; RNase 3
<b>Observed Band</b>	18kD
<b>Cell Pathway</b>	Secreted. Located in the matrix of eosinophil large specific granule, which are released following activation by an immune stimulus.
<b>Tissue Specificity</b>	Colon,Fetal liver,Peripheral blood granulocyte,
<b>Function</b>	disease:Induces the neurotoxic effect known as the Gordon phenomenon.,function:Cytotoxin and helminthotoxin with low-efficiency ribonuclease activity. Possesses a wide variety of biological activities. Exhibits antibacterial activity.,similarity:Belongs to the pancreatic ribonuclease family.,subcellular location:Matrix of eosinophil's large specific granule.,
<b>Background</b>	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],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!



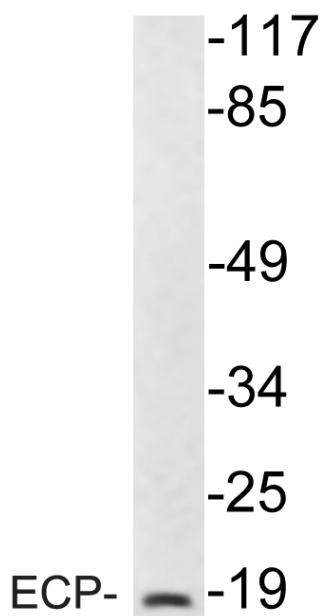
### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### Products Images



Western Blot analysis of various cells using ECP Polyclonal Antibody



Western blot analysis of lysate from 293 cells, using ECP antibody.