

IL-31 Polyclonal Antibody
Catalog # AP74024**Specification**

IL-31 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q6EBC2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

IL-31 Polyclonal Antibody - Additional Information**Gene ID** 386653**Other Names**

Interleukin-31 (IL-31)

Dilution

WB~~WB 1:500-2000, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

IL-31 Polyclonal Antibody - Protein Information**Name** IL31**Function**

Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR (PubMed:15184896). May function in skin immunity (PubMed:15184896). Enhances myeloid progenitor cell survival in vitro (By similarity). Induces RETNLA and serum amyloid A protein expression in macrophages (By similarity).

Cellular Location

Secreted.

Tissue Location

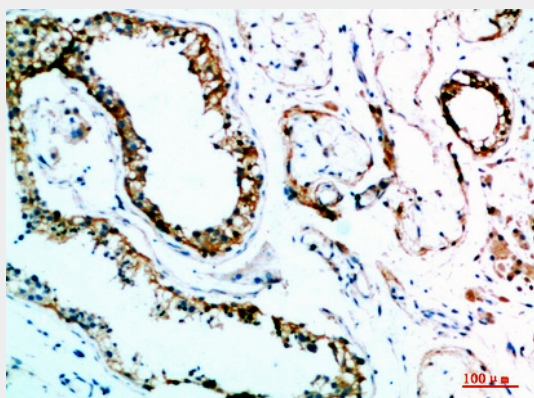
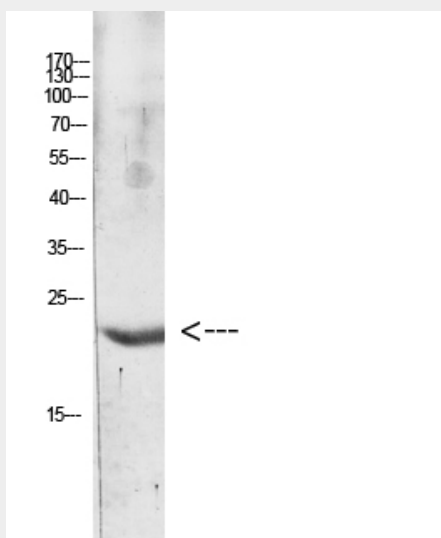
Detected at low levels in testis, bone marrow, skeletal muscle, kidney, colon, thymus, small intestine and trachea

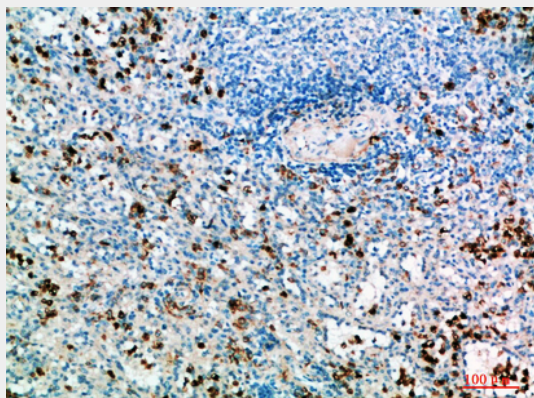
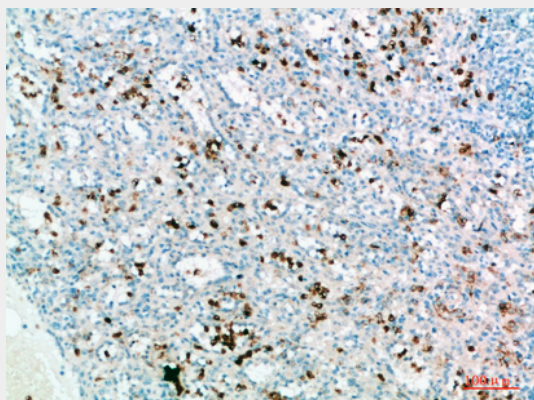
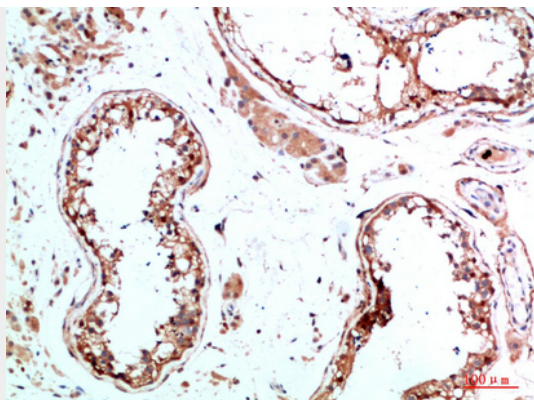
IL-31 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL-31 Polyclonal Antibody - Images





IL-31 Polyclonal Antibody - Background

Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR (PubMed:15184896). May function in skin immunity (PubMed:15184896). Enhances myeloid progenitor cell survival in vitro (By similarity). Induces RETNLA and serum amyloid A protein expression in macrophages (By similarity).