

**IL-3R $\alpha$  Polyclonal Antibody**  
Catalog # AP73753**Specification**

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**IL-3R $\alpha$  Polyclonal Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">P26951</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**IL-3R $\alpha$  Polyclonal Antibody - Additional Information****Gene ID** 3563**Other Names**

IL3RA; IL3R; Interleukin-3 receptor subunit alpha; IL-3 receptor subunit alpha; IL-3R subunit alpha; IL-3R-alpha; IL-3RA; CD123

**Dilution**

IHC~~IHC-p: 100-300. Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

**Format**

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

**Storage Conditions**

-20°C

**IL-3R $\alpha$  Polyclonal Antibody - Protein Information****Name** IL3RA ([HGNC:6012](#))**Synonyms** IL3R**Function**

Cell surface receptor for IL3 expressed on hematopoietic progenitor cells, monocytes and B-lymphocytes that controls the production and differentiation of hematopoietic progenitor cells into lineage-restricted cells (PubMed:<a href="http://www.uniprot.org/citations/10527461" target="\_blank">10527461</a>). Ligand stimulation rapidly induces heterodimerization with IL3RB, phosphorylation and enzyme activity of effector proteins such as JAK2 and PI3K that play a role in signaling cell proliferation and differentiation. Activation of JAK2 leads to STAT5-mediated transcriptional program (By similarity).

**Cellular Location**

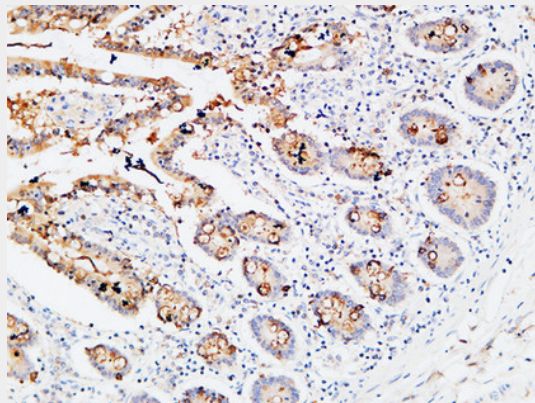
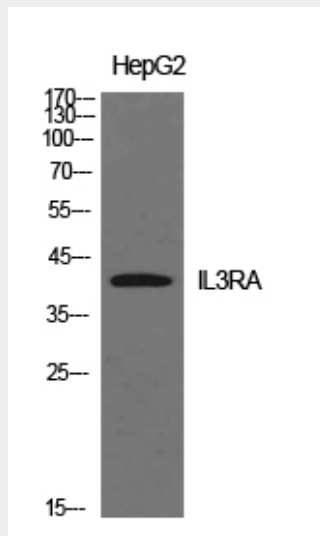
Membrane; Single-pass type I membrane protein.

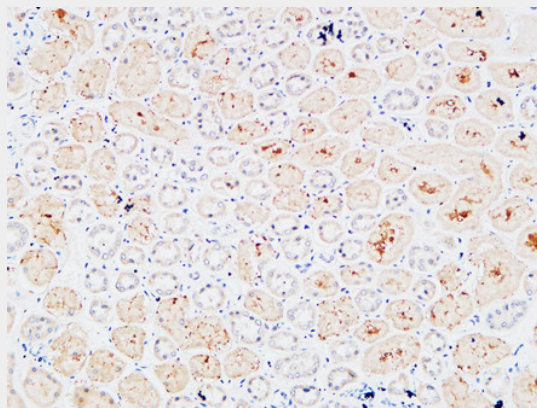
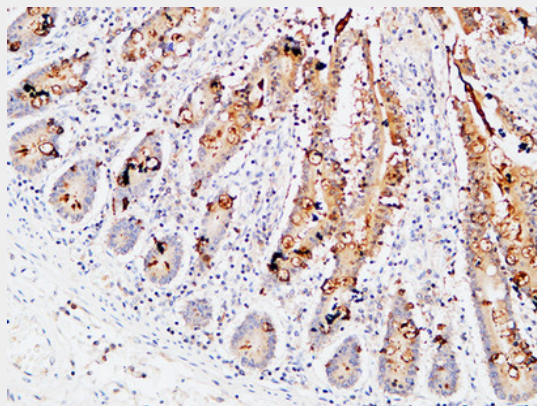
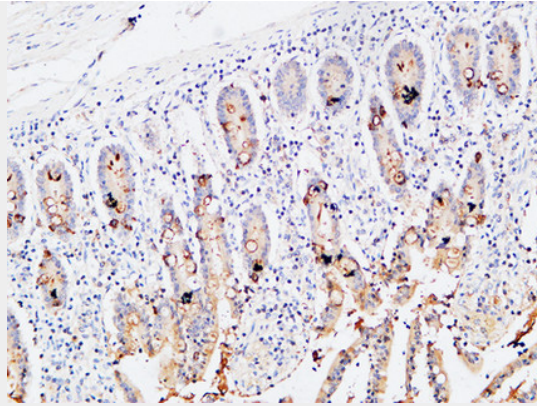
## IL-3R $\alpha$ Polyclonal Antibody - Protocols

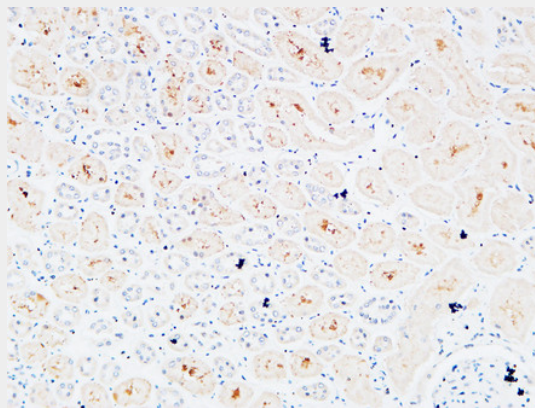
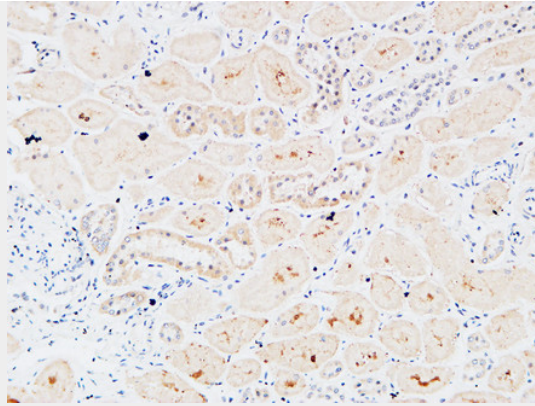
Provided below are standard protocols that you may find useful for product applications.

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

## IL-3R $\alpha$ Polyclonal Antibody - Images







**IL-3R $\alpha$  Polyclonal Antibody - Background**

This is a receptor for interleukin-3.