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IL11RA Antibody

Rabbit mAb
Catalog # AP92769

Product Information

Application	WB, IHC, IF, FC, ICC, IHF
Primary Accession	Q14626
Reactivity	Human, Mouse
Clonality	Monoclonal
Other Names	CRSDA; IL-11 receptor subunit alpha; IL-11R subunit alpha; IL11RA; Interleukin 11 receptor alpha; Interleukin 11 receptor alpha chain;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	45222

Additional Information

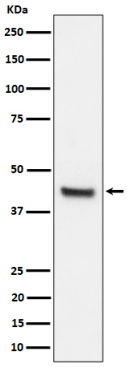
Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human IL11RA
Description	Receptor for interleukin-11. The receptor systems for IL6, LIF, OSM, CNTF, IL11 and CT1 can utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other mesenchymal cells.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	IL11RA (HGNC:5967)
Function	Receptor for interleukin-11 (IL11). The receptor systems for IL6, LIF, OSM, CNTF, IL11 and CT1 can utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other mesenchymal cells (Probable). Essential for the normal development of craniofacial bones and teeth. Restricts suture fusion and tooth number.
Cellular Location	[Interleukin-11 receptor subunit alpha]: Membrane; Single-pass type I membrane protein [Isoform HCR2]: Secreted
Tissue Location	Expressed in a number of cell lines, including the myelogenous leukemia cell line K-562, the megakaryocytic leukemia cell line M-07e, the erythroleukemia cell line TF-1, and the osteosarcoma cell lines, MG-63 and SaOS-2 (PubMed:7670098). Also expressed in normal and malignant prostate

epithelial cell lines. Expression levels are increased in prostate carcinoma.

Images



Western blot analysis of IL11RA expression in 293T cell lysate.