antibodies -online.com







anti-IL3RA antibody

Images



Overview
Ougatity:

Quantity:	100 μL
Target:	IL3RA
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL3RA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human IL3
	Receptor alpha. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to IL3 Receptor alpha (interleukin 3 receptor, alpha (low affinity))
	IL3 Receptor alpha antibody [N2C2], Internal
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	IL3RA
Alternative Name:	interleukin 3 receptor subunit alpha (IL3RA Products)

Target Details

Precaution of Use:

Storage:

l arget Details	
Background:	The protein encoded by this gene is an interleukin 3 specific subunit of a heterodimeric cytokine
	receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing
	beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2
	(CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL3 depends on the beta
	subunit. The beta subunit is activated by the ligand binding, and is required for the biological
	activities of IL3. This gene and the gene encoding the colony stimulating factor 2 receptor alpha
	chain (CSF2RA) form a cytokine receptor gene cluster in a X-Y pseudoautosomal region on
	chromosomes X or Y.
	Cellular Localization: Membrane, Single-pass type I membrane protein
Molecular Weight:	43 kDa
Gene ID:	3563
UniProt:	P26951
Pathways:	JAK-STAT Signaling
Application Details	
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined
	by the researcher. Not tested in other applications.
Comment:	Validation: Overexpression
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1.2 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

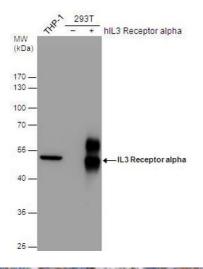
handled by trained staff only.

4 °C,-20 °C

This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

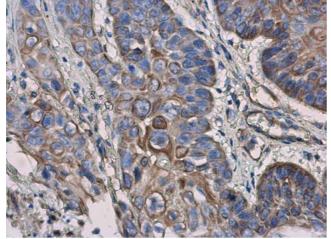
multiple freeze-thaw cycles.

Images



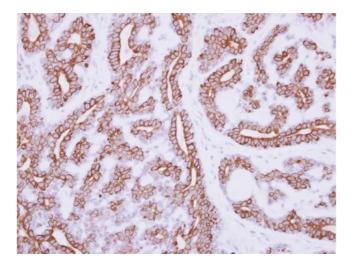
Western Blotting

Image 1. WB Image IL3 Receptor alpha antibody [N2C2], Internal detects IL3 Receptor alpha protein by western blot analysis. THP-1 whole cell extracts (30 μ g), non-transfected (-) and IL3 Receptor alpha-transfected (+) 293T whole cell extracts (5 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with IL3 Receptor alpha antibody , diluted by 1:1000.



Immunohistochemistry

Image 2. IHC-P Image IL3 Receptor alpha antibody [N2C2], Internal detects IL3 Receptor alpha protein at cell membrane and cytoplasm in human esophageal cancer by immunohistochemical analysis. Sample: Paraffin-embedded human esophageal cancer. IL3 Receptor alpha antibody [N2C2], Internal, diluted at 1:500.



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded human breast cancer, using IL3 Receptor alpha, antibody at 1:250 dilution.