

## IL-15R $\alpha$ Polyclonal Antibody

<b>Catalog No.</b>	IPB3858
<b>Reactivity</b>	Human; Rat
<b>Applications</b>	WB; ELISA
<b>Dilution</b>	WB: 1:500-1:2000    ELISA: 1:40000
<b>Gene Name</b>	IL15RA
<b>Protein Name</b>	Interleukin-15 receptor subunit alpha
<b>Human Gene Id</b>	3601
<b>Swiss-Prot</b>	Q13261
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
<b>Source</b>	Rabbit
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
<b>Concentration</b>	1 mg/ml
<b>Storage&amp;Stability</b>	-20°C/1 year
<b>Subcellular Location</b>	Membrane; Single-pass type I membrane protein Nucleus membrane; Single-pass type I membrane protein Cell surface Mainly found associated with the nuclear membrane [Isoform 5]: Endoplasmic reticulum membrane; Single-pass type I membrane protein Golgi apparatus membrane; Single-pass type I membrane protein Cytoplasmic vesicle membrane; Single-pass type I membrane protein Membrane; Single-pass type I membrane protein Isoform 5, isoform 6, isoform 7 and isoform 8 are associated with endoplasmic reticulum, Golgi and cytoplasmic vesicles, but not with the nuclear membrane [Isoform 6]: Endoplasmic reticulum membrane; Single-pass type I membrane protein Golgi apparatus membrane; Single-pass type I membrane protein Cytoplasmic vesicle membrane; Single-pass type I membrane protein Membrane; Single-pass type I membrane protein Isoform 5, isoform 6, isoform 7 and isoform 8 are associated with endoplasmic reticulum, Golgi and cytoplasmic vesicles, but not with the nuclear membrane [Isoform 7]: Endoplasmic reticulum membrane; Single-pass type I membrane protein Golgi apparatus membrane; Single-pass type I membrane protein Cytoplasmic vesicle membrane; Single-pass type I membrane protein Membrane; Single-pass type I membrane protein Isoform 5, isoform 6, isoform 7 and isoform 8 are associated with endoplasmic reticulum, Golgi and cytoplasmic vesicles, but not with the nuclear membrane [Isoform 8]: Endoplasmic reticulum membrane; Single-pass type I membrane protein Golgi apparatus membrane; Single-pass type I membrane protein Cytoplasmic vesicle membrane; Single-pass type I membrane protein Membrane; Single-pass type I membrane protein Isoform 5, isoform 6, isoform 7 and isoform 8 are associated with endoplasmic reticulum, Golgi and cytoplasmic vesicles, but not with the nuclear membrane [Soluble interleukin-15 receptor subunit alpha]: Secreted,

extracellular space

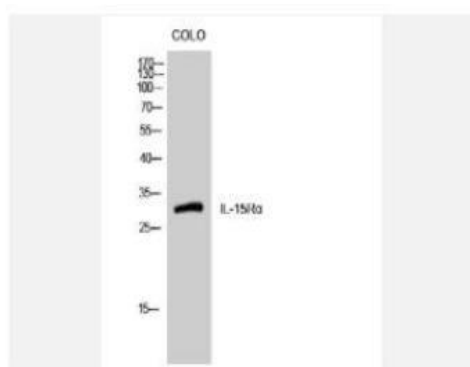
**MW**

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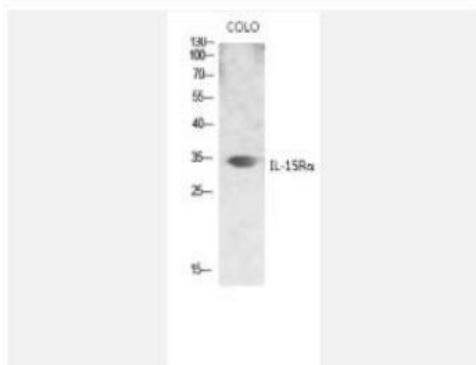
## Background

The protein encoded by this gene is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of this cytokine is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins. The cytokine function is exclusively attributed to the secreted C-terminal peptide, while the N-terminal product may play a role in cell cycle control. Caspase 3 is reported to be involved in the proteolytic processing of this protein. Alternate splicing results in multiple transcript variants.

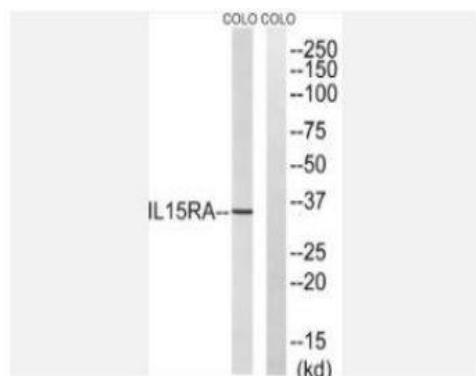
## Products Images:



Western Blot analysis of COLO cells using IL-15R $\alpha$  Polyclonal Antibody



Western blot analysis of various lysates using IL-15R $\alpha$  Polyclonal Antibody. Secondary antibody (catalog#:RS0002) was diluted at 1:20000.



Western blot analysis of lysates from COLO cells, using IL15RA Antibody. The lane on the right is blocked with the synthesized peptide.

