

Anti-IL-18R Rabbit pAb

Purified Rabbit Polyclonal Antibody

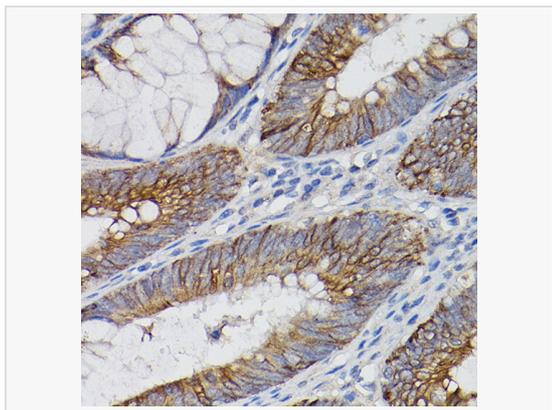
Catalog # P105564

Product Information

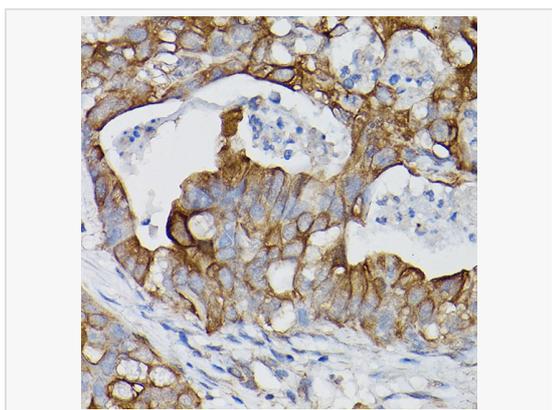
Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:200; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 19-320 of human IL18R1/IL-18 R alpha (NP_003846.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IL-18R Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

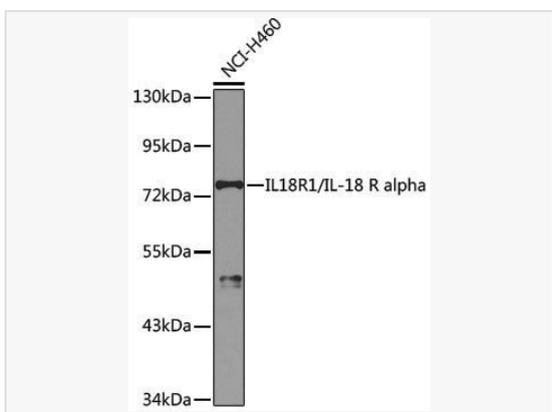
Synonyms	CD218a; IL18RA; IL1RRP; CDw218a; IL-1Rrp; IL-18Ralpha; IL18Ralpha2; IL-18R-alpha; IL18R1/IL-18 R alpha.
Calculated MW	Calculated MW: 62 kDa; Observed MW: 75 kDa
Uniprot ID	Q13478
Gene ID	8809
Background	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This receptor specifically binds interleukin 18 (IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2 (IL-1Rrp2), and IL1RL1 (T1/ST2), form a gene cluster on chromosome 2q. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using IL18R1/IL-18 R alpha Rabbit pAb (P105564) at dilution of 1:100 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using IL18R1/IL-18 R alpha Rabbit pAb (P105564) at dilution of 1:100 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Western blot analysis of lysates from NCI-H460 cells, using IL18R1/IL-18 R alpha Rabbit pAb (P105564) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 90s.