Anti-IL18 Polyclonal Antibody

Summary

Catalog No.	PHG70701
Host species	Rabbit
Tested applications	ELISA: 1:4000-1:8000, IHC: 1:50-1:100, WB: 1:1000-1:4000
Species reactivity	Human
Immunogen	E. coli - derived recombinant Human IL18 (Tyr37-Asp193).
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.
Clonality	Polyclonal
Isotype	IgG
Applications	ELISA, IHC, WB
Target	IFN-gamma-inducing factor,IL1F4,Interleukin-1 gamma,IL-18,IL-1 gamma,Interleukin-18,Interferon gamma-inducing factor,IGIF,IL18,Iboctadekin
Purification	Purified by antigen affinity column.
Accession	Q14116
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.
Note	For research use only.

Data Image

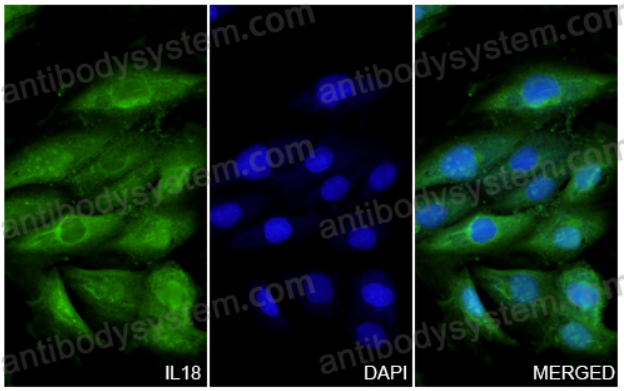
Western blot

Various lysates were subjected to SDS PAGE followed by western blot with IL18 / IL1F4 antibody (PHG70701) at 0.83µg/ml.

Lane 1: K562 cell lysate
Lane 2: SKOV3 cell lysate

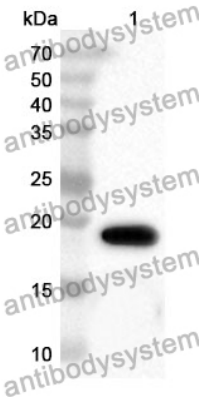
Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 22 kDa
Observed MW: 22 kDa



Immunocytochemistry/ Immunofluorescence

IL18 / IL1F4 in H929 Cell Line.
The H929 cells were fixed with 4% paraformaldehyde (20 min), and then blocked with 5% goat serum for 1h. And the cells were incubated for 2h at 37°C with IL18 / IL1F4 (PHG70701) at 16.6 µg/ml. The section was then incubated with Goat Anti-Rabbit IgG (Alexa Fluor-488) preabsorbed at 1/100 dilution (Shown in green) for 1 hour at room temperature.Nuclear DNA was labelled with DAPI (shown in blue).



Western Blot

Recombinant Protein lysates were subjected to SDS PAGE followed by western blot with IL18 antibody (PHG70701) at 1 µg/ml.

Lane 1: Recombinant Protein

Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 19 kDa
Observed MW: 19 kDa