

[KO Validated] IL18 Antibody

CAB1115

Description

This [KO Validated] IL18 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB1115
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	IGIF, IL-18, IL-1g, IL1F4, IL18
Clone:	-
Applications:	WB IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human

Antibody Data

Gene ID:	3606
Uniprot:	AB_2861508
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	18kDa
Calculated MW:	22kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

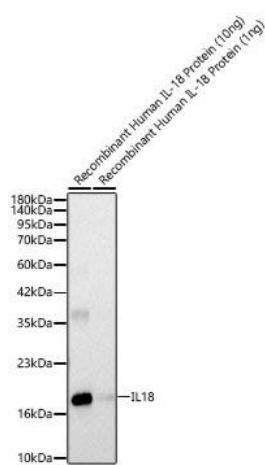
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Recombinant Human IL-18 Protein

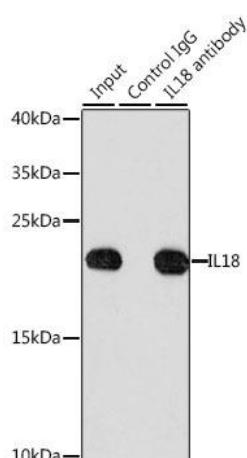
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:500 - 1:1000</td></tr> <tr> <td>IP</td><td>0.5µg-4µg antibody for 200µg-400µg extracts of whole cells</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:500 - 1:1000	IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of Recombinant Human IL-18 Protein using Rabbit pAb (CAB1115) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 10 ng/1 ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 20s.



Immunoprecipitation analysis of 200 µg extracts of HeLa cells, using 3 µg antibody (CAB1115). Western blot was performed from the immunoprecipitate using antibody (CAB1115) at a dilution of 1:1000.