Anti-IL18 antibody (37-193) (STJ24170)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

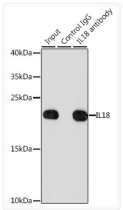
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 22kDa Observed Mw: 18kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

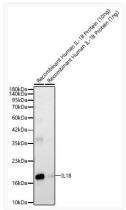
Gene ID	3606
Gene Symbol	IL18
UniProt ID	IL18_HUMAN
Immunogen Region	37-193
Immunogen Sequence	YFGKLESKLSVIRNLNDQVL FIDQGNRPLFEDMTDSDCRD NAPRTIFIISMYKDSQPRGM AVTISVKCEKISTLSCENKI ISFKEMNPPDNIKDTKSDII FFQRSVPGHDNKMQFESSSY EGYFLACEKERDLFKLILKK EDELGDRSIMFTVQNED
Specificity	A synthetic peptide corresponding to a sequence within amino acids 37-193 of human IL18 (NP_001553.1).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells, using 3 Mu g IL18 antibody (STJ24170). Western blot was performed from the immunoprecipitate using IL18 antibody (STJ24170) at a dilution of 1:1000.



Western blot analysis of recombinant Human IL-18 Protein using IL18 Rabbit polyclonal antibody (STJ24170) at 1:500 dilution. NA NA Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. NA NA Lysates/proteins: 10 ng/1 ng per lane. NA NA Blocking buffer: 3% nonfat dry milk in TBST. NA NA Detection: ECL Basic Kit. NA NA Exposure time: 20s.