

Polyclonal Antibody to Interleukin 18 (IL18)

Interleukin 18

Catalog # AP74545

Product Information

Application	WB
Primary Accession	Q8QFQ8
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22787

Additional Information

Other Names	IGIF; IL-1g; IL1F4; IL1-F4; Interferon-Gamma-Inducing Factor; Interleukin-1 Family Member 4; Ibctadekin; Interleukin-1 Gamma
Target/Specificity	Chicken (Gallus)
Dilution	WB~~Western blotting: 0.5-2 μ g/mL; Immunohistochemistry: 5-20 μ g/mL; Immunocytochemistry: 5-20 μ g/mL; Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	IL18
Function	Augments natural killer cell activity in spleen cells and stimulates interferon gamma production in T-helper type I cells. Involved in transduction of inflammation downstream of pyroptosis: its mature form is specifically released in the extracellular milieu by passing through the gasdermin-D (GSDMD) pore.
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:Q14116}. Secreted {ECO:0000250 UniProtKB:Q14116}. Note=The precursor is cytosolic. In response to inflammasome-activating signals, cleaved and secreted. Mature form is secreted and released in the extracellular milieu by passing through the gasdermin-D (GSDMD) pore. In contrast, the precursor form is not released, due to the presence of an acidic region that is proteolytically removed by CASP1 during maturation. The secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10. {ECO:0000250 UniProtKB:Q14116}

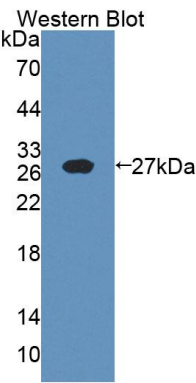


Figure. Western Blot; Sample: Recombinant IL18, Gallus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.