

Polyclonal Antibody to Interleukin 1 Alpha (IL1a)

Interleukin 1 Alpha

Catalog # AP74546

Product Information

Application	WB
Primary Accession	Q60480
Reactivity	Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23333

Additional Information

Other Names	IL1-A; IL-1 α ; IL1F1; Preinterleukin 1 Alpha; Hematopoietin-1; Pro-Interleukin-1-Alpha; Interleukin-1 Family Member 1
Target/Specificity	Cavia (Guinea pig)
Dilution	WB~~Western blotting: 0.2-2 μ g/mL;1:250-2500 Immunohistochemistry: 5-20 μ g/mL;1:25-100 Immunocytochemistry: 5-20 μ g/mL;1:25-100 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	IL1A
Function	Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells (By similarity).
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:P01583}. Secreted {ECO:0000250 UniProtKB:P01583}. Note=The lack of a specific hydrophobic segment in the precursor sequence suggests that IL-1 is released by damaged cells or is secreted by a mechanism differing from that used for other secretory proteins. The secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10; it results in protein translocation from the cytoplasm into the ERGIC (endoplasmic reticulum-Golgi intermediate

compartment) followed by vesicle entry and secretion.
{ECO:0000250|UniProtKB:P01583}

Images

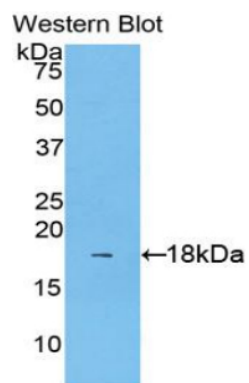


Figure. Western Blot; Sample: Recombinant IL1a, Cavia.

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