

Human Interleukin-18 (IL-18) polyclonal antibody

Category	polyclonal antibody
Catalog No.	B-I-001
Applications	WB, IF
Reactivity	Human

Immunogen information

Immunogen	Recombinant protein of human IL-18 (37-193)
UniProt ID	Q14116
Synonyms	IGIF, IL1F4
Gene ID	3606

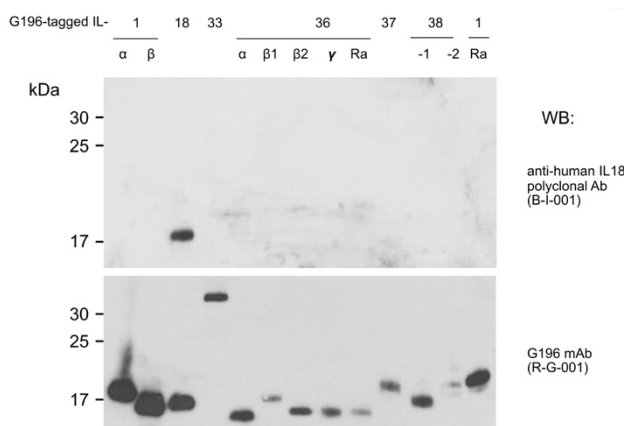
Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Lot No.	001
Concentration	0.5 mg/mL
Buffer	50% glycerol/PBS, pH7.4, w/o sodium azide
Storage	Store at -20°C.

Recommended dilutions

WB	1:1000 – 1:2000
IF	1:100 – 1:500

Western blot

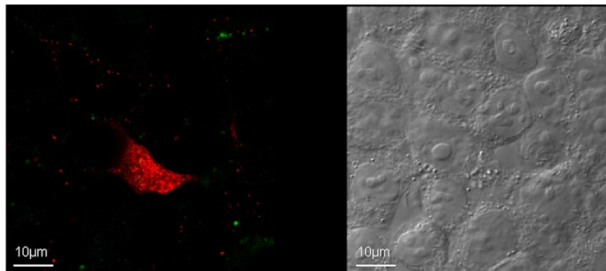


No Cross Reaction to the Other IL-1 Family Proteins by Western blot.

Rabbit anti-human IL-18 polyclonal antibody (Catalog # B-I-001, upper panel) selectively recognized human IL-18 from HEK-293 cell lysate expressing human IL-1 family proteins. G196, anti-DLVPR tag (G196) mAb (Catalog # R-G-001, lower panel).

Immunofluorescence

HEK-293 cells expressing human IL-18



Immunofluorescence
anti-IL-18 polyclonal Ab
(B-I-001)

DIC

Background

This gene encodes a member of the interleukin-1 (IL-1) family of cytokines. In addition to its role in the inflammatory response to microbes, recent studies implicate IL-18 as an important factor in human autoimmune, autoinflammatory, allergic, neurological and metabolic diseases. Similar to IL-1 β , pro-IL-18 is processed by inflammatory caspase-1 or caspase-4 to yield mature, active form (IL-18³⁷⁻¹⁹³).

References for human IL-18 polyclonal antibody (B-I-001)

PMID:	30615852	Journal:	Archives of Biochemistry and Biophysics
Application:	WB, IF	IF (2020):	4.013
Title:	Generation and characterization of antagonistic anti-human interleukin (IL)-18 monoclonal antibodies with high affinity: Two types of monoclonal antibodies against full-length IL-18 and the neopeptide of the inflammatory caspase-cleaved active IL-18		