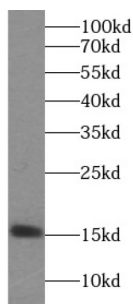
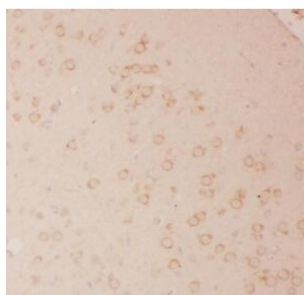


Interleukin 13 (IL13) Antibody

Catalogue No.: abx146583



WB analysis of Mouse pancreas tissue, using IL-13 antibody (1/1000 dilution).



IHC-P analysis of rat brain tissue, using IL-13 antibody (1/50 dilution).

Interleukin 13 (IL13) Antibody is a Rabbit Polyclonal antibody for the detection of IL-13.

This gene encodes an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils. This gene, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL4.

Target: Interleukin 13 (IL13)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Interleukin-13

Datasheet

Version: 1.0.0
Revision date: 06 Sep 2025



Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P35225 (UniProt , ExPASy)
Gene Symbol:	IL13
GeneID:	3596
OMIM:	147683
HGNC:	5973
KEGG:	hsa:3596
Ensembl:	ENSG00000169194
String:	9606.ENSP00000304915
Molecular Weight:	Observed MW: 16 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.