

Rabbit IL13 Polyclonal Antibody | anti-IL13 antibody

IL13 Polyclonal Antibody

CATALOG # AAA37339	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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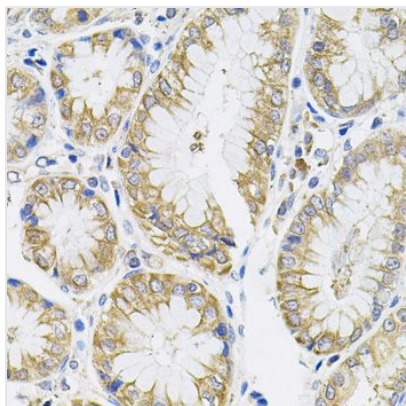
PRODUCT SYNONYMS

IL13; Polyclonal Antibody; IL13 Polyclonal Antibody; ALRH; BHR1; IL-13; MGC116786; MGC116788; MGC116789; P600; anti-IL13 antibody

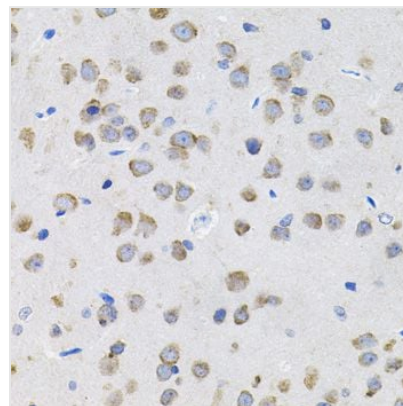
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	146
Applicable Applications for anti-IL13 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human IL13
Calculated Molecular Weight	16kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

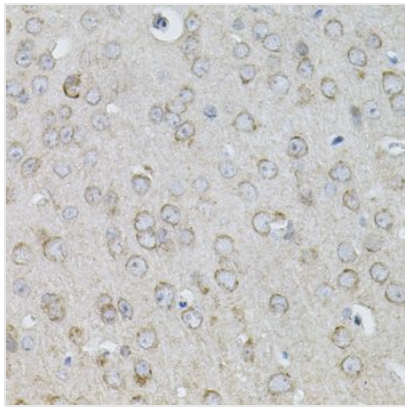
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using IL13 antibody (40x lens).

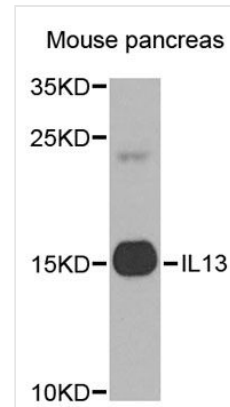

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using IL13 antibody (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using IL13 antibody (40x lens).



WB (Western Blot)

Western blot analysis of extracts of mouse pancreas, using IL13 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 120s.

ADDITIONAL INFORMATION

Related Product Information for anti-IL13 antibody	IL-13 is produced by T cells and is important in the TH2 response. IL-13 targets include B cells, eosinophils, fibroblasts, mast cells and macrophages (1-3). IL-13 binds specifically to IL-13Ralpha1 that complexes with IL-4Ralpha to form the Type II IL-4R. Jak1 and Tyk2 are activated and signal through Stat3 and Stat6 (6). IL-13Ralpha2 is a different gene product, lacks the intracellular domain, does not complex with IL-4Ralpha and does not signal (1,6,7). The extracellular domain of IL-13Ralpha2 is often elevated in diseased states. IL-13 plays key roles in airway hyperresponsiveness (AHR) of allergic asthma (1,4,5) and modulates resistance to parasitic organisms (1).
Product Categories/Family for anti-IL13 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	239938644
NCBI GeneID	3596
UniProt Accession #	P35225; O43644; Q4VB52; Q9UDC7
Molecular Weight	146
NCBI Official Full Name	Interleukin-13
NCBI Official Synonym Full Names	interleukin 13
NCBI Official Symbol	IL13
NCBI Official Synonym Symbols	P600; IL-13
NCBI Protein Information	interleukin-13
UniProt Protein Name	Interleukin-13
UniProt Gene Name	IL13
UniProt Synonym Gene Names	NC30; IL-13
UniProt Entry Name	IL13_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.