

Rabbit anti-Mouse IL-23 Polyclonal Antibody | anti-IL23A antibody

RABBIT ANTI HUMAN INTERLEUKIN-23 (N-TERMINAL)

CATALOG # AAA49926	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot
------------------------------	-----------------------	----------------------------	-------------------------------------

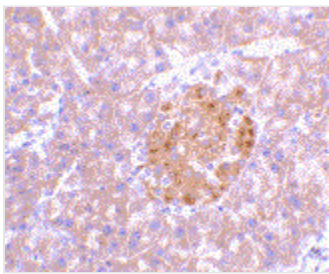
PRODUCT SYNONYMS

IL-23; Polyclonal Antibody; RABBIT ANTI HUMAN INTERLEUKIN-23 (N-TERMINAL); anti-IL23A antibody

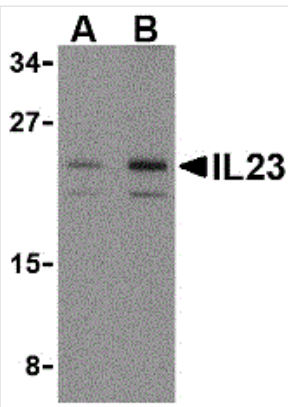
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This item detects an epitope within the N-terminal (NT) domain of human interleukin-23 (IL-23), a 21kD heterodimeric cytokine structurally related to IL-12. IL-23 is composed of a p19 subunit encoded by the IL23A gene, and a p40 subunit of interleukin-12 (IL12B). IL-23 is expressed mainly by activated macrophages and dendritic cells, and plays an important role in bridging innate and adaptive responses. IL-23 activates a subset of T cells called Th17 cells, which are characterised by the production of interleukin-17. The IL-23/IL-17 pathway is essential for the induction and maintenance of brain and joint inflammatory autoimmune diseases, including Guillain Barre Syndrome, Multiple sclerosis and rheumatoid arthritis.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	189
Applicable Applications for anti-IL23A antibody	WB (Western Blot)
Perservative Stabilisers	0.02% Sodium Azide (NaN3)
Immunogen	A 16 amino acid peptide from near the amino terminus of human IL-23. Buffer Solution
Antiserum Preparation	Antisera to human IL-23 (NT) were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunohistochemical staining of mouse pancreas With Rabbit anti Human interleukin-23 (AAA49926)



Application Data
Western blot analysis of mouse pancreas lysate probed with Rabbit anti Human interleukin-23 (AAA49926) at 1(A) and 2(B) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-IL23A antibody	MBS221463 detects an epitope within the N-terminal (NT) domain of human interleukin-23 (IL-23), a 21kD heterodimeric cytokine structurally related to IL-12. IL-23 is composed of a p19 subunit encoded by the IL23A gene, and a p40 subunit of interleukin-12 (IL12B). IL-23 is expressed mainly by activated macrophages and dendritic cells, and plays an important role in bridging innate and adaptive responses. IL-23 activates a subset of T cells called Th17 cells, which are characterised by the production of interleukin-17. The IL-23/IL-17 pathway is essential for the induction and maintenance of brain and joint inflammatory autoimmune diseases, including Guillain Barre Syndrome, Multiple sclerosis and rheumatoid arthritis.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706702
NCBI GeneID	51561
NCBI Accession #	NP_057668.1
NCBI GenBank Nucleotide #	NM_016584.2
UniProt Accession #	Q9NPF7; Q6NZ80; Q6NZ82; Q9H2A5
Molecular Weight	20,730 Da
NCBI Official Full Name	interleukin-23 subunit alpha
NCBI Official Synonym Full Names	interleukin 23, alpha subunit p19
NCBI Official Symbol	IL23A
NCBI Official Synonym Symbols	P19; SGRF; IL-23; IL-23A; IL23P19
NCBI Protein Information	interleukin-23 subunit alpha; IL-23 subunit alpha; IL-23-A; IL-23p19; JKA3 induced upon T-cell activation; interleukin 23 p19 subunit; interleukin-23 subunit p19; interleukin-six, G-CSF related factor
UniProt Protein Name	Interleukin-23 subunit alpha
UniProt Gene Name	IL23A
UniProt Synonym Gene Names	SGRF; IL-23 subunit alpha; IL-23-A; IL-23p19
UniProt Entry Name	IL23A_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.

