

Rabbit IL23A / IL-23 p19 Polyclonal Antibody | anti-IL23A antibody

Rabbit Polyclonal to Human IL23A / IL-23 p19

CATALOG # AAA12313	HOST Rabbit	APPLICATIONS Immunohistochemistry, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

IL23A / IL-23 p19; Polyclonal Antibody; Rabbit Polyclonal to Human IL23A / IL-23 p19; Anti-IL23A / IL-23 p19 Antibody (C-Terminus) IHC-plus; IL23A; IL-23 subunit alpha; IL-23A; Interleukin 23 p19 subunit; Interleukin-23 subunit alpha; IL23P19; Interleukin-23 subunit p19; p19; SGRF; IL-23; IL-23 p19; IL-23-A; IL-23p19; Human IL23A; anti-IL23A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	14 amino acid peptide from near the carboxy terminus of human IL-23
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	189
Applicable Applications for anti-IL23A antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Application Notes	ICC, IHC-P (5 ug/ml), WB (2 - 4 ug/ml) Usage: Immunohistochemistry: was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues and a panel of mouse tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After inc...
Target Species	Human
Immunogen Description	Synthetic peptide from human IL23A / IL-23.
Immunogen Type	Synthetic peptide
Immunogen	IL23A / IL-23 p19 antibody was raised against synthetic peptide from human IL23A / IL-23.
Antigen Modification	C-Terminus
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles. Store undiluted.

IMAGES



WB (Western Blot)

Western blot of IL-23 in Raji lysate with IL-23 antibody at 1 ug/ml in the (A) absence and (B) presence of blocking peptide.



ICC (Immunocytochemistry)

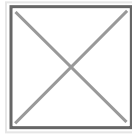
Immunocytochemistry of IL-23 in Raji cells with IL-23 antibody at 10 ug/ml.

**IF (Immunofluorescence)**

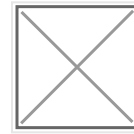
Immunofluorescence of IL-23 in Raji cells with IL-23 antibody at 20 ug/ml.

**IHC (Immunohistochemistry)**

Anti-IL-23 p19 antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

**IHC (Immunohistochemistry)**

Anti-IL-23 p19 antibody IHC staining of mouse kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

**IHC (Immunohistochemistry)**

Anti-IL-23 p19 antibody IHC staining of mouse brain. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IL23A antibody	IL23 p19 (IL23A) is a subunit of the heterodimeric cytokine interleukin 23 (IL23). IL23 is composed of the IL23A subunit and the p40 subunit of interleukin 12 (IL12B). Both IL23 and IL12 can activate the transcription activator STAT4, and stimulate the production of interferon-gamma (IFNG). In contrast to IL12, which acts mainly on naïve CD4(+) T cells, IL23 preferentially acts on memory CD4(+) T cells.
Product Categories/Family for anti-IL23A antibody	Family: Interleukin

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-A; IL-23p19; IL-23 subunit alpha; interleukin 23 p19 subunit; interleukin-23 subunit p19; JKA3 induced upon T-cell activation; 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.