Goat anti-Mouse IL-23 RECEPTOR Polyclonal Antibody | anti-IL23R antibody

GOAT ANTI HUMAN INTERLEUKIN-23 RECEPTOR (N-TERMINAL)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50042	**Goat**	**Mouse**	**Western Blot, Immunohistochemistry**

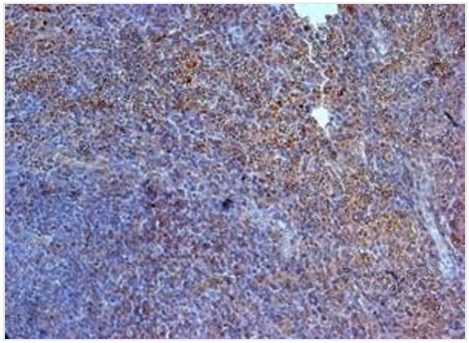
PRODUCT SYNONYMS

IL-23 RECEPTOR; Polyclonal Antibody; GOAT ANTI HUMAN INTERLEUKIN-23 RECEPTOR (N-TERMINAL); anti-IL23R antibody

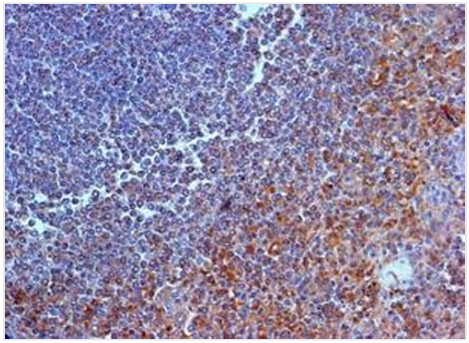
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	629
Applicable Applications for anti-IL23R antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.1% Sodium Azide (NaN3) 0.1% Bovine Serum Albumin
Histology Positive Control Tissue	Spleen Buffer Solution
Antiserum Preparation	Antiserum to human IL-23R (NT) was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was 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
Paraffin embedded mouse spleen stained with Goat anti human IL-23 Receptor (AAA50042



Application Data
Paraffin embedded human spleen stained with Goat anti human IL-23 Receptor (AAA50042

ADDITIONAL INFORMATION

Related Product Information for anti-IL23R antibody	Goat anti Human Interleukin-23 receptor antibody recognizes the human interleukin-23 receptor (IL-23R). The interleukin-23 receptor is 629 amino acid ~72kDa single pass type I transmembrane glycoprotein belonging to the type I cytokine receptor family and posessing two fibronectin type III domains. Multiple potential isoforms formed by alternative splicing are described. Goat anti Human Interleukin-23 receptor antibody recognizes an epitope within the N-terminal (NT) region of Interleukin-23 receptor (IL-23R), precsent in isoforms 1, 3 and 4 (UniProt: Q5VWK5), the anytibody is not expected to recognize other truncated forms of the receptor lacking the immunogen sequence. IL-23R is a mediator of T-cell, NK cell, and possibly macrophage/myeloid cell, stimulation acting as the receptor for IL-23, by association with the beta component of IL-12R and is thought to signal through activation of the JAK-STAT signalling pathway. Genetic variation in IL23R is associated with inflammatory bowel disease type 17 (Kistner et al. 2006) and susceptibility to the ulcerative and inflammatory psoriasis (Hüffmeier et al. 2009). Goat anti Human Interleukin-23 receptor antibody is reported as suitable for use in immunocytochemistry on acetone fixed cells and has been used successfully for the immunohistochemical localization of IL-23R in formalin fixed, paraffin embedded human tissues..

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430212
NCBI GeneID	149233
NCBI Accession #	NP_653302.2
NCBI GenBank Nucleotide #	NM_144701.2
Molecular Weight	25,551 Da
NCBI Official Full Name	interleukin-23 receptor
NCBI Official Synonym Full Names	interleukin 23 receptor
NCBI Official Symbol	IL23R
NCBI Protein Information	interleukin-23 receptor; IL-23 receptor
UniProt Protein Name	Interleukin-23 receptor
UniProt Gene Name	**IL23R**
UniProt Synonym Gene Names	IL-23 receptor; IL-23R
UniProt Entry Name	IL23R_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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/il-23-receptor-antibody-western-blot-immunohistochemistry-elisa/50042