

Datasheet for ABIN686857
anti-IL23R antibody (AA 401-550)**3** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	IL23R
Binding Specificity:	AA 401-550
Reactivity:	Human, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL23R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IL-23R
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	IL23R
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Target Details

Alternative Name:	IL-23R (IL23R Products)
Background:	<p>Synonyms: Interleukin-23 receptor, IL-23 receptor, IL-23R, IL23R</p> <p>Background: Associates with IL12RB1 to form the interleukin-23 receptor. Binds IL23 and mediates T-cells, NK cells and possibly certain macrophage/myeloid cells stimulation probably through activation of the Jak-Stat signaling cascade. IL23 functions in innate and adaptive immunity and may participate in acute response to infection in peripheral tissues. IL23 may be responsible for autoimmune inflammatory diseases and be important for tumorigenesis.</p>
Gene ID:	149233
UniProt:	Q5VWK5
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

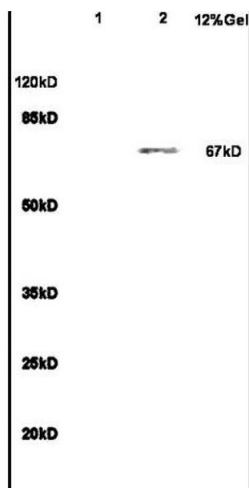
Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

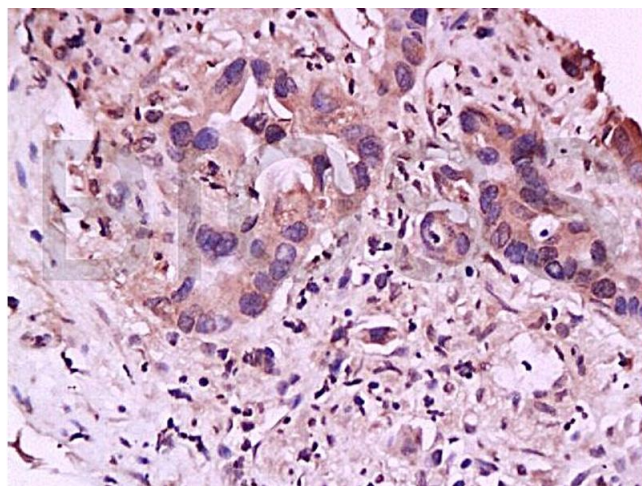
Product cited in:	Wang, Zhong, Zheng, Li, Chen, Ma, Sun, Yan, Li: "Damage effect of interleukin (IL)-23 on oxygen-glucose-deprived cells of the neurovascular unit via IL-23 receptor." in: Neuroscience , Vol. 289C, pp. 406-416, (2015) (PubMed).
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Images



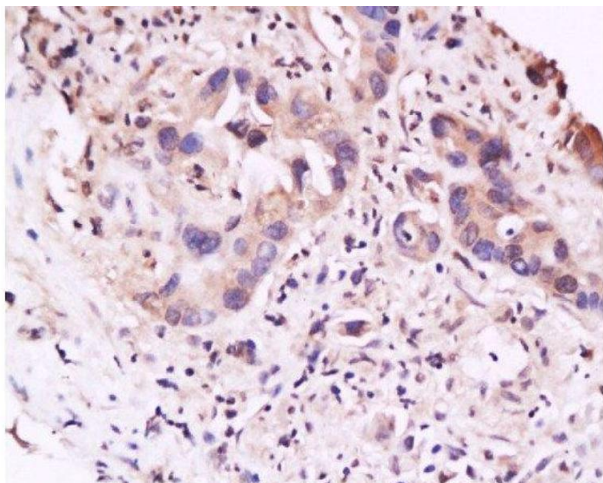
SDS-PAGE

Image 1. Lane 1: mouse heart lysates Lane 2: S/P20 Cell lysates probed with Anti IL-23R Polyclonal Antibody, Unconjugated (ABIN686857) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 67kD. Observed band size: 67kD.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human gastric carcinoma labeled with Anti-IL-23R Polyclonal Antibody, Unconjugated (ABIN686857) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded human gastric carcinoma labeled with Anti-IL-23R Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining