

Datasheet for ABIN5647308  
**anti-IL23R antibody**



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1 Image

## Overview

Quantity:	100 µg
Target:	IL23R
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL23R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA (Capture)

## Product Details

Immunogen:	A recombinant mouse protein corresponding to amino acids I25-D233 was used as the immunogen for the IL23r antibody.
Isotype:	IgG
Cross-Reactivity (Details):	Expected species reactivity: Human
Purification:	Antigen affinity purified

## Target Details

Target:	IL23R
Alternative Name:	IL-23 receptor / IL23r ( <a href="#">IL23R Products</a> )
Background:	Interleukin 23 receptor is a type I cytokine receptor. IL23R is its human gene. The protein encoded by this gene is a subunit of the receptor for IL23A/IL23. This protein pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling. This protein

Target Details

	associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner.
UniProt:	<a href="#">Q8K4B4</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Activated T Cell Proliferation</a>

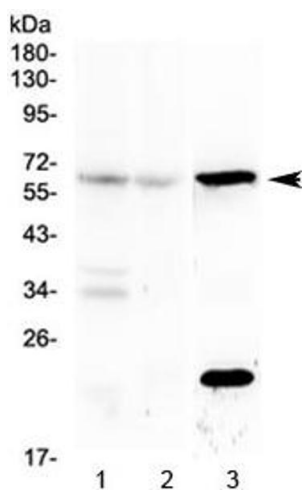
Application Details

Application Notes:	Optimal dilution of the IL23r antibody should be determined by the researcher.\. Western Blot: 0.5-1 µg/mL,ELISA (Capture: recombinant mouse protein): 0.1-0.5 µg/mL (BSA-free format available)
Restrictions:	For Research Use only

Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the IL23r antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



**Western Blotting**

**Image 1.** Western blot testing of mouse 1) brain, 2) liver and 3) kidney lysate with IL23r antibody at 0.5ug/ml. Expected molecular weight ~72 kDa, observed here at ~58 kDa.