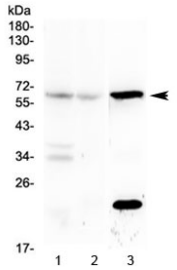
# Il23r Antibody / Il-23 receptor (R32848)

| Catalog No. | Formulation | Size |
|---|---|---|
| R32848 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Mouse, Rat |
| **Predicted Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide |
| **UniProt** | Q8K4B4 |
| **Applications** | Western Blot: 0.5-1ug/ml<br>ELISA (Capture: recombinant mouse protein): 0.1-0.5ug/ml (BSA-free format available) |
| **Limitations** | This Il23r antibody is available for research use only. |




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.

## Description

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 associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner.

## Application Notes

Optimal dilution of the Il23r antibody should be determined by the researcher.

## Immunogen

A recombinant mouse protein corresponding to amino acids I25-D233 was used as the immunogen for the Il23r antibody.

## Storage

After reconstitution, the Il23r antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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