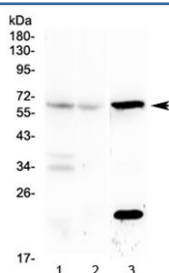


IL23r Antibody / IL-23 receptor (R32848)

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
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 ELISA (Capture : recombinant mouse protein)
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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.