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Technology
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IL11RA Rabbit mAb

Catalog No.: A9365 **Recombinant**

Basic Information

Observed MW
45kDa

Calculated MW
45kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IF/ICC

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC2756

Background

Interleukin 11 is a stromal cell-derived cytokine that belongs to a family of pleiotropic and redundant cytokines that use the gp130 transducing subunit in their high affinity receptors. This gene encodes the IL-11 receptor, which is a member of the hematopoietic cytokine receptor family. This particular receptor is very similar to ciliary neurotrophic factor, since both contain an extracellular region with a 2-domain structure composed of an immunoglobulin-like domain and a cytokine receptor-like domain. Multiple alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
3590

Swiss Prot
Q14626

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 323-422 of human IL11RA (Q14626).

Synonyms
CRSDA; IL11RA

Contact

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Product Information
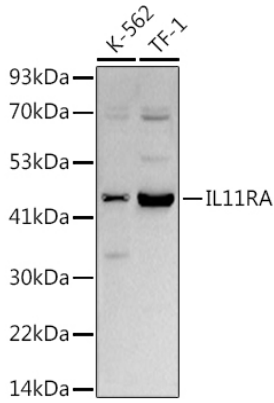
Source
Rabbit

Isotype
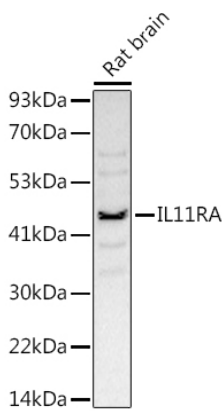IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
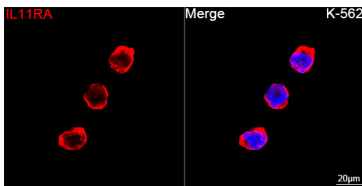Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.
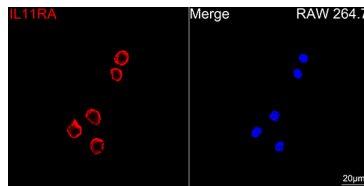
Validation Data

Western blot analysis of various lysates using (A9365) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
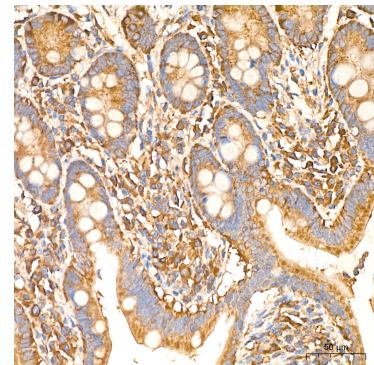Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.

Western blot analysis of lysates from Rat brain, using (A9365) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.

Confocal imaging of K-562 cells using IL11RA Rabbit mAb (A9365, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500)(Red). DAPI was used for nuclear staining (Blue). Objective: 100x.
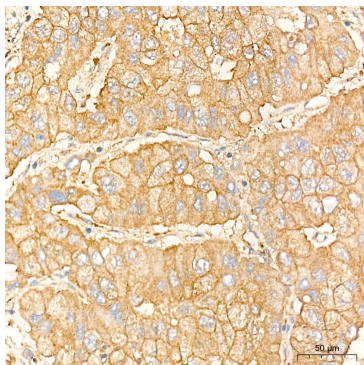
Confocal imaging of RAW 264.7 cells using IL11RA Rabbit mAb (A9365,dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.
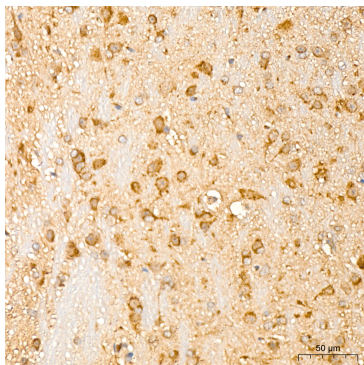
Immunohistochemistry analysis of IL11RA in paraffin-embedded human colon tissue using IL11RA Rabbit mAb (A9365) at a dilution of 1:400 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.
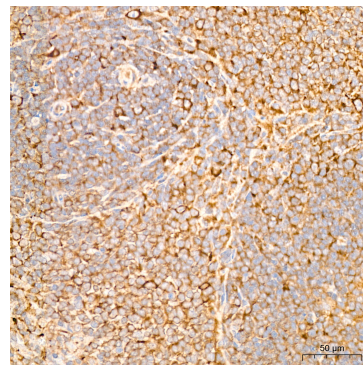
Immunohistochemistry analysis of IL11RA in paraffin-embedded human liver cancer tissue using IL11RA Rabbit mAb (A9365) at a dilution of 1:400 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of IL11RA in paraffin-embedded mouse brain tissue using IL11RA Rabbit mAb (A9365) at a dilution of 1:400 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of IL11RA in paraffin-embedded rat spleen tissue using IL11RA Rabbit mAb (A9365) at a dilution of 1:400 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.