

IL31 Rabbit pAb

Catalog No.: A14982

Basic Information

Observed MW

18kDa

Calculated MW

18kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) that is constitutively expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma (Dillon et al., 2004 [PubMed 15184896]).

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

386653

Swiss Prot

Q6EBC2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-164 of human IL31 (NP_001014358.1).

Synonyms

IL-31; IL31

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

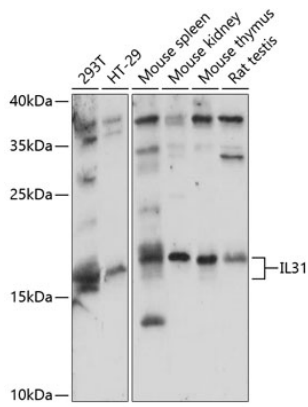
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using IL31 Rabbit pAb (A14982) 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: 90s.