

B7-H4 / B7S1 / B7x Rabbit pAb

Catalog No.: A24542

Basic Information

Observed MW

75kDa

Calculated MW

9kDa/18kDa/20kDa/30kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse

Background

This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:1000 - 1:5000

Immunogen Information

Gene ID

79679

Swiss Prot

Q7Z7D3

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 25-259 of human B7-H4 / B7S1 / B7x (NP_078902.2).

Synonyms

VTCN1; B7-H4; B7H4; B7S1; B7X; B7h.5; PRO1291; VCTN1; V-set domain-containing T-cell activation inhibitor 1; B7-H4 / B7S1 / B7x

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

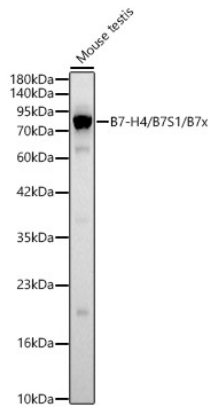
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of Mouse testis, using B7-H4 / B7S1 / B7x Rabbit pAb (A24542) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.