Leader in Biomolecular Solutions for Life Science

H2-Aa Rabbit pAb

Catalog No.: A18325

2 Publications

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Basic Information

Observed MW
28 kDa

Calculated MW
28 kDa

Category
Polyclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross Reactivity
Human, Mouse, Rat

Background

Enables peptide antigen binding activity. Involved in response to interferon-gamma. Acts upstream of or within antigen processing and presentation of exogenous peptide antigen via MHC class II and positive regulation of T cell differentiation. Located in external side of plasma membrane and lysosome. Part of MHC class II protein complex. Is expressed in central nervous system; retina; and thymus primordium. Human ortholog(s) of this gene implicated in several diseases, including autoimmune disease (multiple); gastrointestinal system cancer (multiple); glomerulonephritis (multiple); hematologic cancer (multiple); and systemic scleroderma (multiple). Orthologous to several human genes including HLA-DQA1 (major histocompatibility complex, class II, DQ alpha 1).

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:200 - 1:2000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
14960

Swiss-Prot
P14434

Immunogen
This information is considered to be commercially sensitive.

Synonyms
Ia1; H2Aa; Ia-1; H-2Aa; Aalpha; IAalpha; I-Aalpha; H2-Aa

Contact

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Product Information

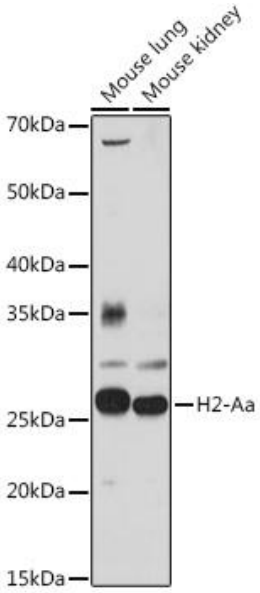
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using H2-Aa Rabbit pAb (A18325) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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: 60s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.