

Rabbit anti-Human, Mouse ADE2 Polyclonal Antibody | anti-ADE2 antibody

Rabbit anti-ADE2 Antibody, Affinity Purified

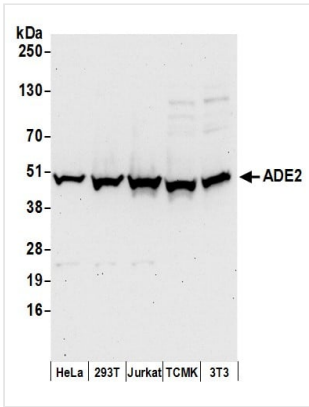
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212763	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ADE2; Polyclonal Antibody; Rabbit anti-ADE2 Antibody; Affinity Purified; multifunctional protein ADE2; SAICAR synthetase; phosphoribosylaminoimidazolesuccinocarboxamide synthase; phosphoribosylaminoimidazole carboxylase; phosphoribosylaminoimidazole succinocarboxamide synthetase; multifunctional protein ADE2H1; AIRC; AIR carboxylase; ADE2H1; PAIS; Multifunctional protein ADE2; phosphoribosylaminoimidazole carboxylase and phosphoribosylaminoimidazolesuccinocarboxamide synthase; anti-ADE2 antibody

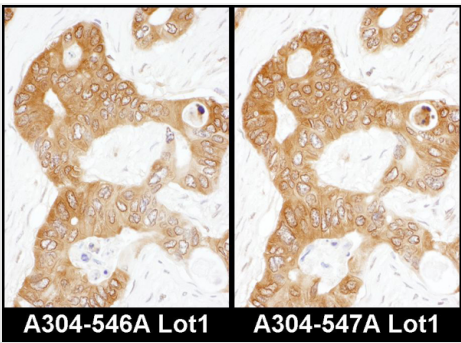
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ADE2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Rat, Chicken, Orangutan
Immunogen	Between 300 and 350
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



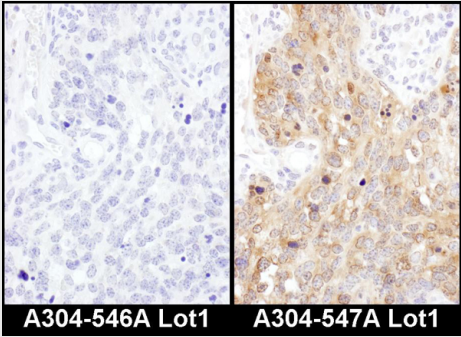
WB (Western Blot)

Detection of human and mouse ADE2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ADE2 antibody AAA212763 (lot AAA212763-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human ADE2 by immunohistochemistry. Samples: FFPE serial sections of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-ADE2 (Cat. No. Lot1, left image and Cat. No. AAA212763 Lot1, right image) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).



IHC (Immunohistochemistry)

Detection of mouse ADE2 by immunohistochemistry. Samples: FFPE serial sections of mouse teratoma. Antibody: Affinity purified rabbit anti-ADE2 (Cat. No. Lot1, left image and Cat. No. AAA212763 Lot1, right image) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-ADE2 antibody	ADE2 is a bifunctional enzyme containing phosphoribosylaminoimidazole carboxylase activity in its N-terminal region and phosphoribosylaminoimidazole succinocarboxamide synthetase in its C-terminal region. It catalyzes steps 6 and 7 of purine biosynthesis [taken from NCBI Entrez Gene (Gene ID: 10606)].
Product Categories/Family for anti-ADE2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453539
NCBI GeneID	10606
NCBI Accession #	NP_006443.1
NCBI GenBank Nucleotide #	NM_006452.3
UniProt Accession #	P22234; Q68CQ5; E9PDH9
Molecular Weight	47,958 Da
NCBI Official Full Name	multifunctional protein ADE2 isoform 2
NCBI Official Synonym Full Names	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase

NCBI Official Symbol	PAICS
NCBI Official Synonym Symbols	ADE2; AIRC; PAIS; ADE2H1
NCBI Protein Information	multifunctional protein ADE2; AIR carboxylase; SAICAR synthetase; multifunctional protein ADE2H1
UniProt Protein Name	Multifunctional protein ADE2
UniProt Gene Name	PAICS
UniProt Synonym Gene Names	ADE2; AIRC; PAIS; AIRC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ade2-antibody-immunohistochemistry-western-blot-elisa/212763>