

Rabbit anti-Human AE2 Polyclonal Antibody | anti-AE2 antibody

Rabbit anti-AE2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212731	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

AE2; Polyclonal Antibody; Rabbit anti-AE2 Antibody; Affinity Purified; anion exchanger 2 type b2; solute carrier family 4 (anion exchanger); member 2; non-erythroid band 3-like protein; NBND3; HKB3; erythrocyte membrane protein band 3-like 1; Solute carrier family 4 member 2; anion exchanger 2 type b1; anion exchanger 2 type a; Anion exchanger 2; anion exchange protein 2; AE 2; EPB3L1; BND3L; Anion exchange protein 2; solute carrier family 4 member 2; anti-AE2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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-AE2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



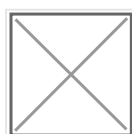
WB (Western Blot)

Detection of human AE2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-AE2 antibody AAA212731 (lot AAA212731-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human AE2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-AE2 antibody AAA212731 (lot AAA212731-1) used for IP at 6 ug per reaction. AE2 was also immunoprecipitated by rabbit anti-AE2 antibody. For blotting immunoprecipitated AE2, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human AE2 by immunohistochemistry. Samples: FFPE serial sections of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-AE2 (Cat. No. AAA212731 Lot1, left image and Cat. No. Lot1, right image) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-AE2 antibody	Anion exchange protein 2 (AE2) is a plasma membrane anion exchange protein of wide distribution [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P04920].
Product Categories/Family for anti-AE2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	314122220
NCBI GeneID	6522
NCBI Accession #	NP_001186621.1
NCBI GenBank Nucleotide #	NM_001199692.1
UniProt Accession #	P04920 ; Q45EY5 ; Q969L3 ; B2R6T0 ; B4DIT0 ; D3DX05 ; F8W682
Molecular Weight	137,009 Da
NCBI Official Full Name	anion exchange protein 2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 4 (anion exchanger), member 2
NCBI Official Symbol	SLC4A2
NCBI Official Synonym Symbols	AE2; HKB3; BND3L; NBND3; EPB3L1
NCBI Protein Information	anion exchange protein 2; AE 2; anion exchanger 2 type a; anion exchanger 2 type b1; anion exchanger 2 type b2; solute carrier family 4 member 2; non-erythroid band 3-like protein; erythrocyte membrane protein band 3-like 1
UniProt Protein Name	Anion exchange protein 2
UniProt Gene Name	SLC4A2
UniProt Synonym Gene Names	AE2; EPB3L1; HKB3; MPB3L; AE 2; Anion exchanger 2; BND3L
UniProt Entry Name	B3A2_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ae2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212731>