

Rabbit anti-Human KCC4 Polyclonal Antibody | anti-KCC4 antibody

Rabbit anti-KCC4 Antibody, Affinity Purified

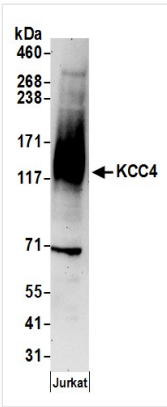
CATALOG # AAA212696	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

KCC4; Polyclonal Antibody; Rabbit anti-KCC4 Antibody; Affinity Purified; solute carrier family 12 (potassium/chloride transporters); member 7; solute carrier family 12 member 7; solute carrier family 12 (potassium/chloride transporter); potassium/chloride transporter KCC4; K-Cl cotransporter 4; electroneutral potassium-chloride cotransporter 4; SUCO/SLC12A7 fusion; Solute carrier family 12 member 7; anti-KCC4 antibody

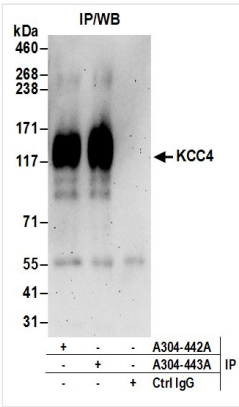
PRODUCT SPECIFICATIONS

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-KCC4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rabbit
Immunogen	Between 950 and 1000
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 KCC4 by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from Jurkat cells. Antibodies: Affinity purified rabbit anti-KCC4 antibody AAA212696 (lot AAA212696-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human KCC4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from Jurkat cells. Antibodies: Affinity purified rabbit anti-KCC4 antibody AAA212696 (lot AAA212696-1) used for IP at 6 ug per reaction. KCC4 was also immunoprecipitated by rabbit anti-KCC4 antibody For blotting immunoprecipitated KCC4, AAA212696 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-KCC4 antibody	K-Cl cotransporter 4 (KCC4) mediates electroneutral potassium-chloride cotransport when activated by cell swelling. KCC4 may mediate K(+) uptake into Deiters' cells in the cochlea and contribute to K(+) recycling in the inner ear. KCC4 is important for the survival of cochlear outer and inner hair cells and the maintenance of the organ of Corti. It may be required for basolateral Cl(-) extrusion in the kidney and contribute to renal acidification (By similarity) [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9Y666].
Product Categories/Family for anti-KCC4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	123701900
NCBI GeneID	10723
NCBI Accession #	NP_006589.2
NCBI GenBank Nucleotide #	NM_006598.2
UniProt Accession #	Q9Y666; Q4G0F3; Q96I81; Q9H7I3; Q9H7I7; Q9UFW2; A6NDS8
Molecular Weight	28,258 Da
NCBI Official Full Name	solute carrier family 12 member 7
NCBI Official Synonym Full Names	solute carrier family 12 member 7
NCBI Official Symbol	SLC12A7
NCBI Official Synonym Symbols	KCC4
NCBI Protein Information	solute carrier family 12 member 7
UniProt Protein Name	Solute carrier family 12 member 7
UniProt Gene Name	SLC12A7
UniProt Synonym Gene Names	KCC4
UniProt Entry Name	S12A7_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/kcc4-antibody-immunoprecipitation-western-blot-elisa/212696>