Rabbit anti-Mouse, Rat Aquaporin 12 Polyclonal Antibody | anti-Aqp12 antibody

Aquaporin 12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75714	**Rabbit**	**Mouse, Rat**	**Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

Aquaporin 12; Polyclonal Antibody; Aquaporin 12 Antibody; AQP 12; AQP 12A; AQPX2; Aquaporin 12A; Aquaporin X2 antibody; anti-Aqp12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.61-0.67 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	290
Applicable Applications for anti-Aqp12 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 240-290 on mouse Aquaporin 12 protein.
Immunoglobulin	IgG
Expression	Cytoplasm; plasma membrane; integral component of membrane
Molecular Function	Transport
Structure	Contain two tandem repeats each with three membrane-spanning domains and a pore-forming loop with the signature motif Asn-Pro-Ala
Subcellular Location	Membrane
Preparation and Storage	-20• degree C for long term storage

IMAGES



IHC (Immunohiostchemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-Aqp12 antibody	Water transport activity
Product Categories/Family for anti-Aqp12 antibody	Primary Antibodies; Channels & Transporters; Aquaporin 12 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	148708028
NCBI GeneID	208760
UniProt Accession #	Q3V2I1; Q3KNM4; Q8CHJ2
Molecular Weight	31,290 Da
NCBI Official Full Name	aquaporin 12, isoform CRA_b
NCBI Official Synonym Full Names	aquaporin 12
NCBI Official Symbol	Aqp12
NCBI Official Synonym Symbols	mAQP12; AB084104
NCBI Protein Information	aquaporin-12
UniProt Protein Name	Aquaporin-12
UniProt Gene Name	**Aqp12**
UniProt Synonym Gene Names	AQP-12
UniProt Entry Name	AQP12_MOUSE

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/aquaporin-12-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/75714