

Rabbit anti-Mouse, Rat CD98 Polyclonal Antibody | anti-CD98 antibody

CD98 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282418	Rabbit	Mouse, Rat	Western Blot

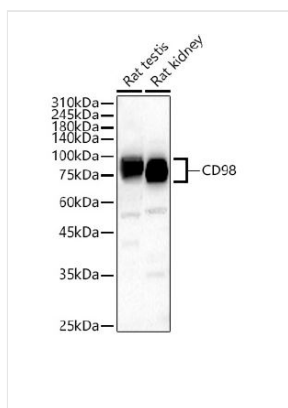
PRODUCT SYNONYMS

CD98; Polyclonal Antibody; CD98 Rabbit pAb; 4F2; Cd98; Ly10; Mdu1; 4F2HC; Ly-10; NACAE; Ly-m10; Mgp-2hc; anti-CD98 antibody

PRODUCT SPECIFICATIONS

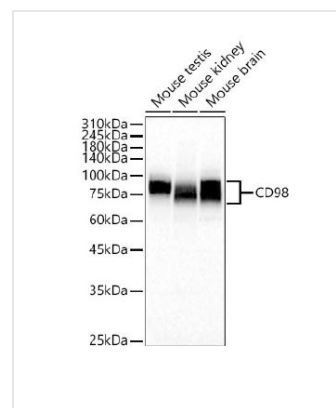
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-CD98 antibody	WB (Western Blot)
Positive Samples	Mouse testis, Mouse kidney, Mouse brain, Rat testis, Rat kidney
Immunogen	Recombinant protein of mouse CD98.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using CD98 antibody (AAA282418) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of various lysates, using CD98 antibody (AAA282418) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-CD98 antibody	Predicted to enable amino acid transmembrane transporter activity and double-stranded RNA binding activity. Predicted to be involved in carboxylic acid transport and viral entry into host cell. Predicted to act upstream of or within response to exogenous dsRNA. Located in apical pole of neuron. Is active in synapse. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and spinal cord. Orthologous to human SLC3A2 (solute carrier family 3 member 2).
Product Categories/Family for anti-CD98 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	238637277
NCBI GeneID	17254
NCBI Accession #	NP_001154885.1
NCBI GenBank Nucleotide #	NM_001161413.1
UniProt Accession #	P10852; Q54AH5; G3UWA6
Molecular Weight	62,240 Da
NCBI Official Full Name	4F2 cell-surface antigen heavy chain isoform a
NCBI Official Synonym Full Names	solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2
NCBI Official Symbol	Slc3a2
NCBI Official Synonym Symbols	4F2; Cd98; Ly10; Mdu1; 4F2HC; Ly-10; NACAE; Ly-m10; Mgp-2hc; AI314110
NCBI Protein Information	4F2 cell-surface antigen heavy chain; CD98 antigen; CD98 heavy chain; antigen identified by monoclonal antibodies 4F2; solute carrier family 3 member 2; type II transmembrane protein
UniProt Protein Name	4F2 cell-surface antigen heavy chain
UniProt Gene Name	Slc3a2
UniProt Synonym Gene Names	Mdu1; 4F2hc
UniProt Entry Name	4F2_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.