

Rabbit CD316 / IGSF8 Polyclonal Antibody | anti-CD316 antibody

Rabbit Polyclonal to Human CD316 / IGSF8

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52097	Rabbit	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Orangutan, Rabbit Guinea pig, Pig (at least 90% immunogen sequence identity)	Predicted Reactivity: Bat, Bovine, Guinea pig, Pig (at least 90% immunogen sequence identity) Immunohistochemistry

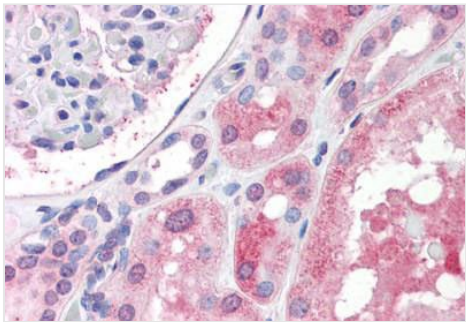
PRODUCT SYNONYMS

CD316 / IGSF8; Polyclonal Antibody; Rabbit Polyclonal to Human CD316 / IGSF8; Anti-CD316 / IGSF8 Antibody (Internal) IHC-plus; IGSF8; CD316 antigen; CD81 partner 3; CD81P3; KCT4; LIR-D1; CD316; EW1-2; EW12; KCT-4; PGRL; Human CD316; anti-CD316 antibody

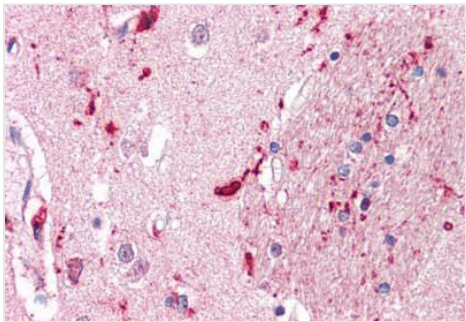
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Orangutan, Rabbit Predicted Reactivity: Bat, Bovine, Guinea pig, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human IGSF8. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except BOC (67%), CD101 (67%), FLT1 (53%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	0.6 mg/ml (varies by lot)
Sequence Length	613
Applicable Applications for anti-CD316 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from internal region of human IGSF8. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Rabbit (100%); Panda, Bovine, Bat, Pig, Guinea pig (93%).
Immunogen Type	Synthetic peptide
Immunogen	CD316 / IGSF8 antibody was raised against synthetic 15 amino acid peptide from internal region of human IGSF8. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Rabbit (100%); Panda, Bovine, Bat, Pig, Guinea pig (93%); Mouse, Opossum (87%); Elephant (80%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-IGSF8 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-IGSF8 antibody IHC of human brain, putamen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-CD316 antibody	IGSF8/PGRL/EWI-2 is a membrane protein that contains 4 Ig domains and forms highly proximal, specific and stoichiometric complexes with both CD9 and CD81 a tetraspanin. Tetraspanins and their molecular partners from primary complexes that then undergo tetraspanin-tetraspanin interactions to form a network of molecular interactions call a tetraspanin web.
Product Categories/Family for anti-CD316 antibody	Family: Immunoglobulin

NCBI AND UNIPROT INFORMATION

NCBI GI #	16445029
NCBI GeneID	93185
NCBI Accession #	NP_443100.1
NCBI GenBank Nucleotide #	NM_052868.4
UniProt Accession #	Q969P0; Q8NG09; Q96DP4; Q9BTG9
Molecular Weight	55,808 Da
NCBI Official Full Name	immunoglobulin superfamily member 8
NCBI Official Synonym Full Names	immunoglobulin superfamily, member 8
NCBI Official Symbol	IGSF8
NCBI Official Synonym Symbols	EWI2; PGRL; CD316; EWI-2; KCT-4; CD81P3; LIR-D1
NCBI Protein Information	immunoglobulin superfamily member 8; CD81 partner 3; prostaglandin regulatory-like protein; glu-Trp-Ile EWI motif-containing protein 2; keratinocytes-associated transmembrane protein 4
UniProt Protein Name	Immunoglobulin superfamily member 8
UniProt Gene Name	IGSF8
UniProt Synonym Gene Names	CD81P3; EWI2; KCT4; IGSF8; EWI-2; KCT-4; PGRL
UniProt Entry Name	IGSF8_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.