

Rabbit anti-Human, Mouse ES8L1 Polyclonal Antibody | anti-ES8L1 antibody

ES8L1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324061	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ES8L1; Polyclonal Antibody; ES8L1 Antibody; DRC3; Epidermal growth factor receptor kinase substrate 8 like protein 1; Epidermal growth factor receptor kinase substrate 8-like protein 1; Epidermal growth factor receptor pathway substrate 8 related protein 1; Epidermal growth factor receptor pathway substrate 8-related protein 1; EPS8 like 1; EPS8 like protein 1; EPS8-like protein 1; EPS8-related protein 1; EPS8L 1; Eps8l1; EPS8R1; ES8L1_HUMAN; FLJ20258; MGC23164; MGC4642; PP10566; anti-ES8L1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ES8L1 antibody detects endogenous levels of total ES8L1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	596
Applicable Applications for anti-ES8L1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Tissue Specificity	Detected in placenta.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA324061 at 1/100 staining Human urothelial cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)
AAA324061 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from COLO205 cells, using ES8L1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ES8L1 antibody	Function: Stimulates guanine exchange activity of SOS1. May play a role in membrane ruffling and remodeling of the actin cytoskeleton. Subunit Structure: Interacts with ABI1. Part of a complex that contains SOS1, ABI1 and EPS8L2. Associates with F-actin. Similarity: Belongs to the EPS8 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148539855
NCBI GeneID	54869
NCBI Accession #	NP_060199.3
NCBI GenBank Nucleotide #	NM_017729.3
UniProt Accession #	Q8TE68; Q71RE2; Q8NC10; Q96BB7; Q9BSQ2; Q9GZQ2; Q9NXH0
Molecular Weight	Observed: 80 kD Predicted: 81 kDa
NCBI Official Full Name	epidermal growth factor receptor kinase substrate 8-like protein 1 isoform b
NCBI Official Synonym Full Names	EPS8 like 1
NCBI Official Symbol	EPS8L1
NCBI Official Synonym Symbols	DRC3; EPS8R1; PP10566
NCBI Protein Information	epidermal growth factor receptor kinase substrate 8-like protein 1
UniProt Protein Name	Epidermal growth factor receptor kinase substrate 8-like protein 1
UniProt Gene Name	EPS8L1
UniProt Synonym Gene Names	DRC3; EPS8R1; EPS8-like protein 1; EPS8-related protein 1

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.