Rabbit anti-Human ERp5 Polyclonal Antibody | anti-ERp5 antibody

Rabbit anti-ERp5 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212741	**Rabbit**	**Human**	**Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

ERp5; Polyclonal Antibody; Rabbit anti-ERp5 Antibody; Affinity Purified; protein disulfide isomerase-associated 6; protein disulfide isomerase-related protein; TXNDC7; thioredoxin domain-containing protein 7; protein disulfide-isomerase A6; P5; endoplasmic reticulum protein 5; ERP5; ER protein 5; epididymis secretory sperm binding protein; thioredoxin domain containing 7 (protein disulfide isomerase); protein disulfide isomerase P5; Protein disulfide-isomerase A6; protein disulfide isomerase family A member 6; anti-ERp5 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-ERp5 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 390 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human ERp5 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ERp5 antibody AAA212741 (lot AAA212741-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

IP (Immunoprecipitation)
Detection of human ERp5 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ERp5 antibody AAA212741 (lot AAA212741-1) used for IP at 6 ug per reaction. ERp5 was also immunoprecipitated by rabbit anti-ERp5 antibody BL17102. For blotting immunoprecipitated ERp5, AAA212741 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

IHC (Immunohistochemistry)
Detection of human ERp5 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-ERp5 (Cat. No. AAA212741 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-ERp5 antibody	Endoplasmic reticulum protein 5 (ERp5) may function as a chaperone that inhibits aggregation of misfolded proteins. Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q15084].
Product Categories/Family for anti-ERp5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031973
NCBI GeneID	10130
NCBI Accession #	NP_005733.1
NCBI GenBank Nucleotide #	NM_005742.2
UniProt Accession #	Q15084; Q6ZSH5; Q99778; Q53RC7
Molecular Weight	48,121 Da
NCBI Official Full Name	protein disulfide-isomerase A6
NCBI Official Synonym Full Names	protein disulfide isomerase family A, member 6
NCBI Official Symbol	PDIA6
NCBI Official Synonym Symbols	P5; ERP5; TXNDC7
NCBI Protein Information	protein disulfide-isomerase A6; ER protein 5; OTTHUMP00000115548; OTTHUMP00000200409; OTTHUMP00000200410; protein disulfide isomerase P5; endoplasmic reticulum protein 5; thioredoxin domain-containing protein 7; protein disulfide isomerase-associated 6; p
UniProt Protein Name	Protein disulfide-isomerase A6
UniProt Gene Name	**PDIA6**
UniProt Synonym Gene Names	ERP5; P5; TXNDC7; ER protein 5; ERp5
UniProt Entry Name	PDIA6_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/erp5-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212741