

Rabbit anti-Human TOE1 Polyclonal Antibody | anti-TOE1 antibody

Anti-TOE1 Antibody Picoband

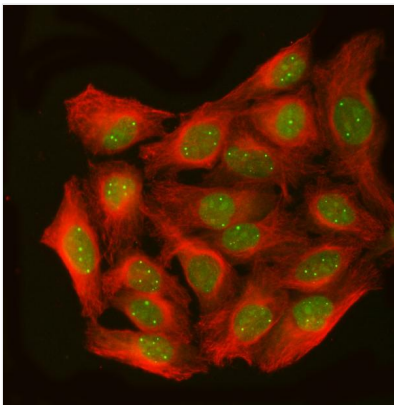
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126563	Rabbit	Human	ELISA, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

TOE1; Polyclonal Antibody; Anti-TOE1 Antibody Picoband; anti-TOE1 antibody

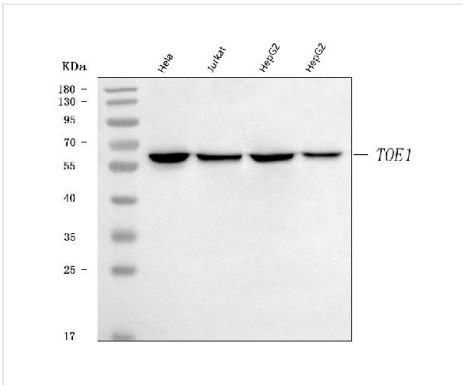
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-TOE1 antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human TOE1 recombinant protein (Position: E28-Q501).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



IF (Immunofluorescence)

Figure 2. IF analysis of TOE1 using anti-TOE1 antibody (AAA126563) and anti-Tubulin Alpha antibody (M03989-3).TOE1 was detected in immunocytochemical section of HeLa cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-TOE1 Antibody (AAA126563) and mouse anti-Tubulin Alpha antibody (M03989-3) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG and Cy3 Conjugated Goat Anti-Mouse IgG (BA1031) were used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of TOE1 using anti-TOE1 antibody (AAA126563).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human Hela whole cell lysates,Lane 2: human Jurkat whole cell lysates,Lane 3: human HepG2 whole cell lysates,Lane 4: human HepG2 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TOE1 antigen affinity purified polyclonal antibody (#AAA126563) at 0.25 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TOE1 at approximately 57 kDa. The expected band size for TOE1 is at 57 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TOE1 antibody	Target of EGR1 protein 1 is a protein that in humans is encoded by the TOE1 gene. Enables poly(A)-specific ribonuclease activity and snRNA binding activity. Involved in RNA phosphodiester bond hydrolysis, exonucleolytic and snRNA 3'-end processing. Located in Cajal body and cytoplasm. Implicated in pontocerebellar hypoplasia type 7.
Product Categories/Family for anti-TOE1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	156564398
NCBI GeneID	114034
NCBI Accession #	NP_079353
NCBI GenBank Nucleotide #	NM_025077
UniProt Accession #	Q96GM8; Q6IA35; Q8IWN5; Q9H846; B4DEM6
Molecular Weight	47,890 Da
NCBI Official Full Name	target of EGR1 protein 1
NCBI Official Synonym Full Names	target of EGR1, member 1 (nuclear)
NCBI Official Symbol	TOE1
NCBI Protein Information	target of EGR1 protein 1
UniProt Protein Name	Target of EGR1 protein 1
UniProt Gene Name	TOE1

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://www.aaabiotech.com/polyclonal/toe1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/126563>