

Rabbit anti-Human Separase Polyclonal Antibody | anti-ESPL1 antibody

Rabbit anti-Separase (pS801) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220429	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

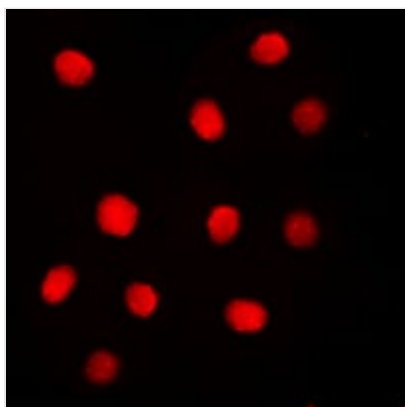
PRODUCT SYNONYMS

Separase; Polyclonal Antibody; Rabbit anti-Separase (pS801) Antibody; ESP1; KIAA0165; Separin; Caspase-like protein ESPL1; Extra spindle poles-like 1 protein; anti-ESPL1 antibody

PRODUCT SPECIFICATIONS

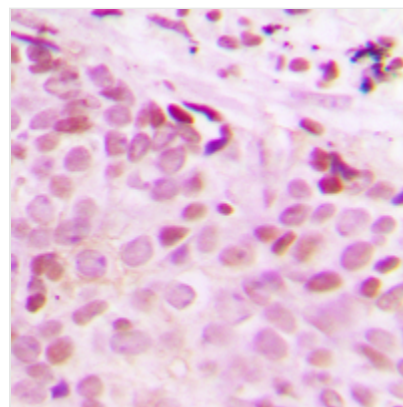
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ESPL1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Separase (pS801). The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



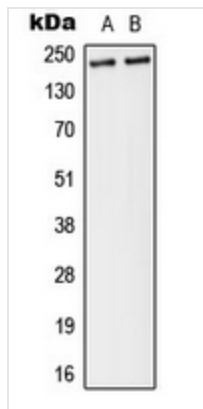
IF (Immunofluorescence)

Immunofluorescent analysis of Separase (pS801) staining in MDAMB231 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Separase (pS801) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Separase (pS801) expression in MDA-MB-231 (A), A431 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ESPL1 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	134276943
NCBI GeneID	9700
NCBI Accession #	NP_036423.4
NCBI GenBank Nucleotide #	NM_012291.4
UniProt Accession #	Q14674
Molecular Weight	233,175 Da
NCBI Official Full Name	separin
NCBI Official Synonym Full Names	extra spindle pole bodies homolog 1 (S. cerevisiae)
NCBI Official Symbol	ESPL1
NCBI Official Synonym Symbols	ESP1; SEPA
NCBI Protein Information	separin; caspase-like protein ESPL1; extra spindle poles like 1; separin, cysteine protease; extra spindle poles-like 1 protein
UniProt Protein Name	Separin
UniProt Gene Name	ESPL1
UniProt Synonym Gene Names	ESP1; KIAA0165
UniProt Entry Name	ESPL1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/separase-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/220429>