

Rabbit anti-Human Phospho-SEPARIN (S1126) Polyclonal Antibody | anti-ESPL1 antibody

Phospho-SEPARIN (S1126) Antibody

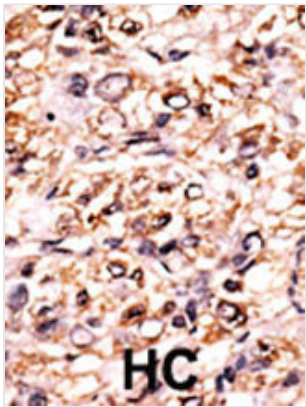
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283977	Rabbit	Human	Immunohistochemistry, ELISA, Dot Blot

PRODUCT SYNONYMS

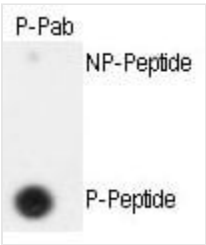
Phospho-SEPARIN (S1126); Polyclonal Antibody; Phospho-SEPARIN (S1126) Antibody; Separin; Caspase-like protein ESPL1; Extra spindle poles-like 1 protein; Separase; ESPL1; ESP1; KIAA0165; anti-ESPL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SEPARIN Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S1126 of human SEPARIN.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.373 (varies by lot)
Sequence Length	2120
Applicable Applications for anti-ESPL1 antibody	IHC (Immunohistochemistry), ELISA, DB (Dot Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



DB (Dot Blot)
Dot blot analysis of anti-hSeparase-S801 Phospho-specific Pab on nitrocellulose membrane. 50ng of nonphospho-peptide or phospho-peptide were adsorbed on their respective dots. Antibody working concentration was 0.5ug per ml.

ADDITIONAL INFORMATION

Related Product Information for anti-ESPL1 antibody	The metaphase-to-anaphase transition is the final discrete event in duplication and separation of the genetic material of the cell. Its timing is regulated by the activation of the anaphase-promoting complex (APC). In both budding and fission yeast, the degradation of the Pds1 or Cut2 protein, respectively, is required for the onset of sister chromatid separation. Both proteins are APC substrates. Pds1 and Cut2 proteins associate with the yeast separin proteins Esp1 and Cut1, respectively, and prevent the separins from promoting chromatid separation. Pds1 and Cut2 are also called anaphase inhibitors or securins
Product Categories/Family for anti-ESPL1 antibody	Cell Biology; Phospho Antibodies
References	Chestukhin, A., et al., Proc. Natl. Acad. Sci. U.S.A. 100(8):4574-4579 (2003). Waizenegger, I., et al., Curr. Biol. 12(16):1368-1378 (2002). Chen, F., et al., J. Biol. Chem. 277(19):16775-16781 (2002). Hauf, S., et al., Science 293(5533):1320-1323 (2001). Zou, H., et al., Science 285(5426):418-422 (1999).

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	233175
NCBI Official Full Name	separin
NCBI Official Synonym Full Names	extra spindle pole bodies 1, separase
NCBI Official Symbol	ESPL1
NCBI Official Synonym Symbols	ESP1; SEPA
NCBI Protein Information	separin
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/phospho-separin-s1126-antibody-immunohistochemistry-dot-blot-elisa/283977>