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

SEPARASE (Phospho-Ser801) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316116	**Rabbit**	**Human, Mouse**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

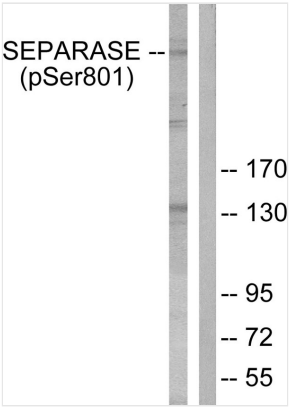
PRODUCT SYNONYMS

SEPARASE; Polyclonal Antibody; SEPARASE (Phospho-Ser801) Antibody; ESP1; SEPARIN; EXTRA SPINDLE POLES-LIKE 1; extra spindle poles like 1 (S. cerevisiae); anti-SEPARASE antibody

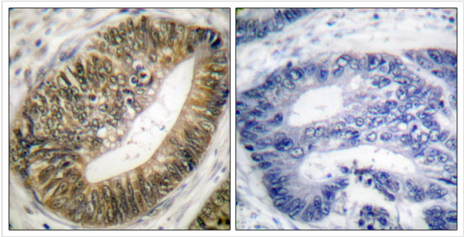
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	SEPARASE (Phospho-Ser801) Antibody detects endogenous levels of SEPARASE only when phosphorylated at Ser801.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1,795
Applicable Applications for anti-SEPARASE antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S801; M:S1189
Immunogen	The antiserum was produced against synthesized peptide derived from human SEPARASE around the phosphorylation site of Ser801.
Immunogen Range	767-816
Preparation and Storage	Stable at -20 degree C for at least 1 year.

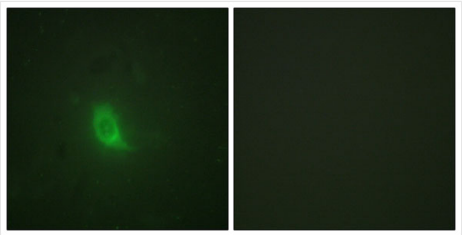
IMAGES



WB (Western Blot)
Western blot analysis of lysates from 293 cells treated with EGF 200ng/ml 30', using SEPARASE (Phospho-Ser801) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using SEPARASE (Phospho-Ser801) Antibody. The picture on the right is blocked with the phospho peptide.



IF (Immunofluorescence)
Immunofluorescence analysis of HUVEC cells, using SEPARASE (Phospho-Ser801) Antibody. The picture on the right is blocked with the phospho peptide.

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 kDa
NCBI Official Full Name	separin
NCBI Official Synonym Full Names	extra spindle pole bodies like 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

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.