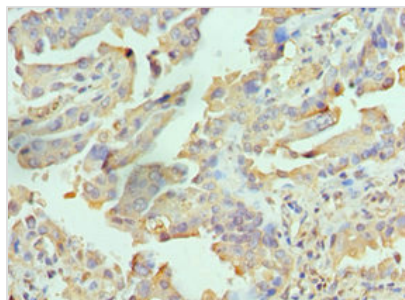


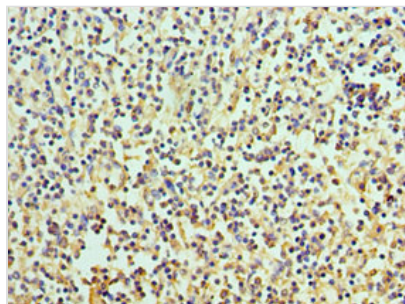


RICTOR Antibody

Product Code	CSB-PA761396ESR1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q6R327
Immunogen	Recombinant Human Rapamycin-insensitive companion of mTOR protein (1-245AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, IHC; Recommended dilution: IHC:1:20-1:200
Relevance	Subunit of mTORC2, which regulates cell growth and survival in response to hormonal signals. mTORC2 is activated by growth factors, but, in contrast to mTORC1, seems to be nutrient-insensitive. mTORC2 seems to function upstream of Rho GTPases to regulate the actin cytoskeleton, probably by activating one or more Rho-type guanine nucleotide exchange factors. mTORC2 promotes the serum-induced formation of stress-fibers or F-actin. mTORC2 plays a critical role in AKT1 \\\Ser-473\\\' phosphorylation, which may facilitate the phosphorylation of the activation loop of AKT1 on \\\Thr-308\\\' by PDK1 which is a prerequisite for full activation. mTORC2 regulates the phosphorylation of SGK1 at \\\Ser-422\\\' . mTORC2 also modulates the phosphorylation of PRKCA on \\\Ser-657\\\' . Plays an essential role in embryonic growth and development.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Rapamycin-insensitive companion of mTOR (AVO3 homolog) (hAVO3), RICTOR, KIAA1999
Species	Human
Research Area	Cell Biology
Target Names	RICTOR
Image	



Immunohistochemistry of paraffin-embedded human lung cancer using CSB-PA761396ESR1HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human spleen tissue using CSB-PA761396ESR1HU at dilution of 1:100