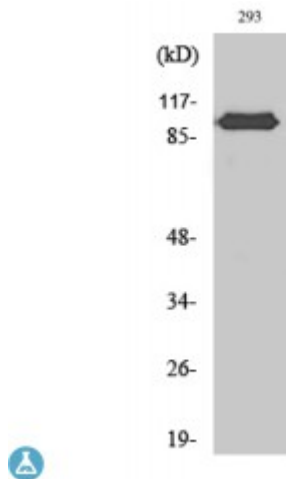


Anti-CAS antibody



Description	Rabbit polyclonal to CAS.
Model	STJ92006
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC, IP, WB
Immunogen	Synthesized peptide derived from human CAS
Immunogen Region	1-80 aa, N-terminal
Gene ID	1434
Gene Symbol	CSE1L
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IP 1:200-500IF 1:200-1:1000ELISA 1:40000
Specificity	CAS Polyclonal Antibody detects endogenous levels of CAS protein.
Tissue Specificity	Detected in brain, placenta, ovary, testis and trachea (at protein level) . Widely expressed . Highly expressed in testis and in proliferating cells .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Exportin-2 Exp2 Cellular apoptosis susceptibility protein Chromosome segregation 1-like protein Importin-alpha re-exporter
Molecular Weight	110 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2431OMIM:601342
Alternative Names	Exportin-2 Exp2 Cellular apoptosis susceptibility protein Chromosome segregation 1-like protein Importin-alpha re-exporter
Function	Export receptor for importin-alpha. Mediates importin-alpha re-export from the nucleus to the cytoplasm after import substrates (cargos) have been released into the nucleoplasm. In the nucleus binds cooperatively to importin-alpha and to the GTPase Ran in its active GTP-bound form. Docking of this trimeric complex to the nuclear pore complex (NPC) is mediated through binding to nucleoporins. Upon transit of a nuclear export complex into the cytoplasm, disassembling of the complex and hydrolysis of Ran-GTP to Ran-GDP (induced by RANBP1 and RANGAP1, respectively) cause release of the importin-alpha from the export receptor. CSE1L/XPO2 then return to the nuclear compartment and mediate another round of transport. The directionality of nuclear export is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus.
Cellular Localization	Cytoplasm Nucleus. Shuttles between the nucleus and the cytoplasm.