

KD-Validated Anti-CSE1L Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1208**Specification****KD-Validated Anti-CSE1L Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	P55060
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 110 kDa , observed, 98 kDa
Gene Name	KDa
Aliases	CSE1L CSE1L; Chromosome Segregation 1 Like; XPO2; CAS; CSE1; Cellular Apoptosis Susceptibility Protein; Chromosome Segregation 1-Like Protein; Importin-Alpha Re-Exporter; Exportin-2; Exp2; Chromosome Segregation 1 (Yeast Homolog)-Like; CSE1 Chromosome Segregation 1-Like (Yeast); Epididymis Secretory Sperm Binding Protein; CSE1 Chromosome Segregation 1 Like; CSE1 Chromosome Segregation 1-Like; Cellular Apoptosis Susceptibility
Immunogen	A synthesized peptide derived from human Exportin2

KD-Validated Anti-CSE1L Rabbit Monoclonal Antibody - Additional Information

Gene ID	1434
Other Names	
Exportin-2, Exp2, Cellular apoptosis susceptibility protein, Chromosome segregation 1-like protein, Importin-alpha re-exporter, CSE1L, CAS {ECO:0000303 PubMed:7479798}, XPO2	

KD-Validated Anti-CSE1L Rabbit Monoclonal Antibody - Protein Information**Name** CSE1L**Synonyms** CAS {ECO:0000303|PubMed:7479798}, XPO2**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- α 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 Location

Cytoplasm. Nucleus. Note=Shuttles between the nucleus and the cytoplasm.

Tissue Location

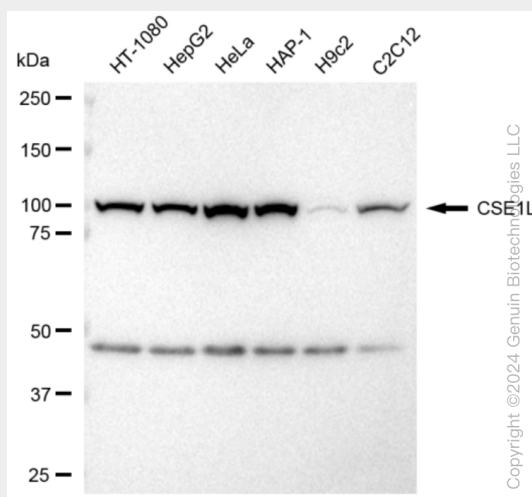
Detected in brain, placenta, ovary, testis and trachea (at protein level) (PubMed:10331944). Widely expressed (PubMed:10331944). Highly expressed in testis and in proliferating cells (PubMed:10331944, PubMed:7479798).

KD-Validated Anti-CSE1L Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-CSE1L Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-CSE1L antibody (Cat#AGI1208). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CSE1L antibody (Cat#AGI1208, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

