

CSE1L antibody

Product Information

Catalog No.:	FNab02012
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Export receptor for importin- α . Mediates importin- α 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- α 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.

Immunogen information

Immunogen:	CSE1 chromosome segregation 1-like(yeast)
Synonyms:	Exportin-2 (Exp2) Cellular apoptosis susceptibility protein Chromosome segregation 1-like protein Importin- α re-exporter CSE1L CAS XPO2
Observed MW:	100-110 kDa
Uniprot ID :	P55060

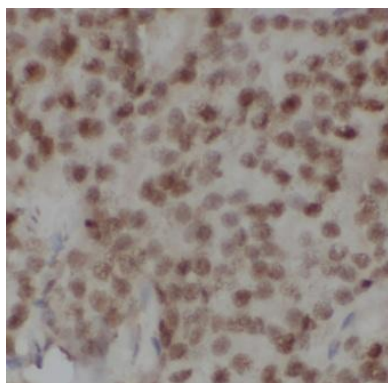
Application

Reactivity:	Human, Mouse
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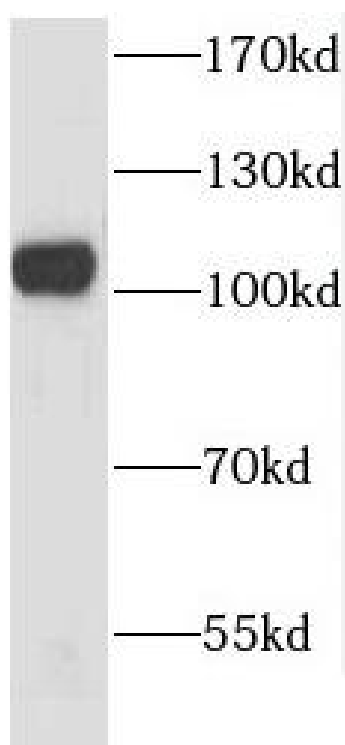
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab02012(CSE1L antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab02012(CSE1L antibody) at dilution of 1:1000