

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects endogenous human, mouse, and rat CSE1L in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human CSE1L Ala739-His933 Accession # P55060
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

CSE1L (Chromosome segregation 1-like protein; also known as Exportin-2 (XPO2) and Cellular Apoptosis Susceptibility (CAS)) is a 110 kDa member of the XPO2/CSE1 family of proteins. It is expressed in divergent proliferating cell types such as colon and mammary epithelium, fibroblasts, hepatocytes, and spermatogonia. It participates in the export of importin-α from the nucleus, and regulates p53-sensitive gene transcription. Human CSE1L is 971 amino acids (aa) in length and contains an N-terminal importin domain (aa 29-102) and a DNA-association region (aa 372-385). There are multiple splice variants. There is a six aa substitution for aa 190-971, separate deletions of aa 133-341 and 257-312, an alternate start site at Met235 with a deletion of aa 350-517, and an alternate start site at Met100 with a 25 aa substitution for aa 674 - 971. Over aa 739-933, human CSE1L shows 100% aa identity to mouse CSE1L.

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