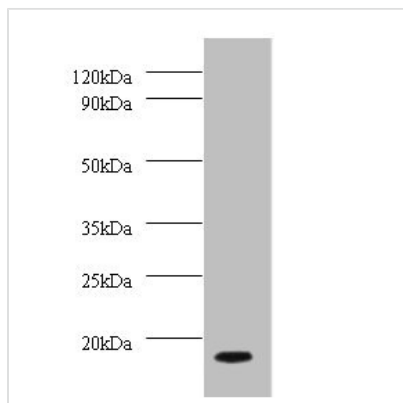




DYNLL1 Antibody

Product Code	CSB-PA01284A0Rb
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P63167
Immunogen	Recombinant Human Dynein light chain 1, cytoplasmic protein (1-89AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-2000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. May play a role in changing or maintaining the spatial distribution of cytoskeletal structures. Binds and inhibits the catalytic activity of neuronal nitric oxide synthase. Promotes transactivation functions of ESR1 and plays a role in the nuclear localization of ESR1. Regulates apoptotic activities of BCL2L11 by sequestering it to microtubules. Upon apoptotic stimuli the BCL2L11-DYNLL1 complex dissociates from cytoplasmic dynein and translocates to mitochondria and sequesters BCL2 thus neutralizing its antiapoptotic activity.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Dynein light chain 1, cytoplasmic (8 kDa dynein light chain) (DLC8) (Dynein light chain LC8-type 1) (Protein inhibitor of neuronal nitric oxide synthase) (PIN), DYNLL1, DLC1 DNCL1 DNCLC1 HDLC1
Species	Human
Research Area	Others
Target Names	DYNLL1
Image	



Western blot

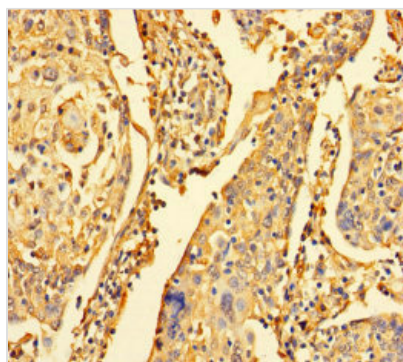
All lanes: Dynein light chain 1, cytoplasmic antibody at 2 μ g/ml + EC109 whole cell lysate

Secondary

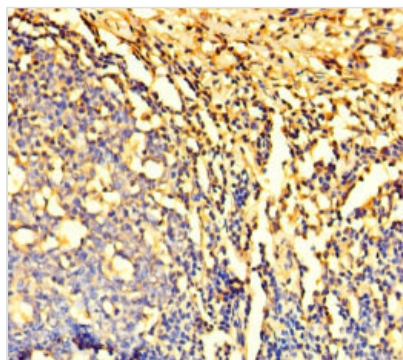
Goat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size: 9.8 kDa

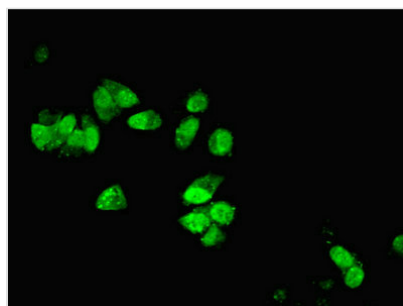
Observed band size: 9.8 kDa



Immunohistochemistry of paraffin-embedded human cervical cancer using CSB-PA01284A0Rb at dilution of 1:100



Immunohistochemistry of paraffin-embedded human tonsil tissue using CSB-PA01284A0Rb at dilution of 1:100



Immunofluorescent analysis of MCF-7 cells using CSB-PA01284A0Rb at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)