



CSN7A Polyclonal Antibody

Catalog No	YP-Ab-05495
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	COPS7A CSN7A DERP10
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CSN7A Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	COPS;CSN7A;Dermal papilla-derived protein 10;DERP10;JAB1-containing signalosome subunit 7a;COPS7A CSN7A DERP10;COP9 signalosome complex subunit 7a (SGN7a) (Signalosome subunit 7a) (Dermal papilla-derived protein 10) (JAB1-containing signalosome subunit 7a)
Observed Band	30kD
Calculated Molecular Weight	30kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Widely expressed. Expressed at high level in brain, heart and skeletal muscle.
Function	function:Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IκappaBα/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively.,PTM:Phosphorylated by CK2 and PKD kinases. Phosphorylated



upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the CSN7/EIF3M family. CSN7 subfamily.,similarity:Contains 1 PCI domain.,subunit:Component of the CSN comp

Background

This gene encodes a component of the COP9 signalosome, an evolutionarily conserved multi-subunit protease that regulates the activity of the ubiquitin conjugation pathway. Alternatively spliced transcript variants that encode the same protein have been described. [provided by RefSeq, Mar 2014],

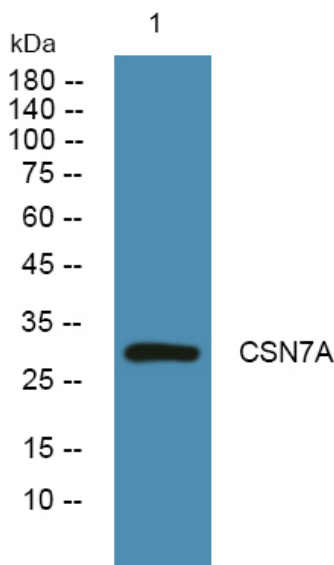
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night