

Anti-CTDNEP1 / DULLARD Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18548

Product Information

Application	WB, IHC-P, E
Primary Accession	O95476
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	28377

Additional Information

Gene ID	23399
Alias Symbol	CTDNEP1
Other Names	CTDNEP1, DULLARD, Dullard homolog, NET56, HSA011916
Target/Specificity	Human CTDNEP1 / DULLARD
Reconstitution & Storage	Caprylic acid and ammonium sulfate precipitation
Precautions	Anti-CTDNEP1 / DULLARD Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CTDNEP1
Synonyms	DULLARD
Function	Serine/threonine protein phosphatase forming with CNEP1R1 an active phosphatase complex that dephosphorylates and may activate LPIN1 and LPIN2. LPIN1 and LPIN2 are phosphatidate phosphatases that catalyze the conversion of phosphatidic acid to diacylglycerol and control the metabolism of fatty acids at different levels. May indirectly modulate the lipid composition of nuclear and/or endoplasmic reticulum membranes and be required for proper nuclear membrane morphology and/or dynamics. May also indirectly regulate the production of lipid droplets and triacylglycerol. May antagonize BMP signaling.
Cellular Location	Endoplasmic reticulum membrane; Single-pass membrane protein. Nucleus membrane; Single-pass membrane protein

Tissue Location

Muscle specific with lower expression in other metabolic tissues.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.