

Anti-USP6NL Antibody

Rabbit Polyclonal antibody

Catalog # ABV11885

Product Information

Application	WB, IHC
Primary Accession	Q92738
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	94104

Additional Information

Gene ID	9712
Positive Control	WB: Jurkat, RAW264.7, PC12 lysates; IHC: human breast cancer tissue
Application & Usage	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200
Alias Symbol	USP6NL
Other Names	KIAA0019, USP6 N-terminal-like protein, Related to the N-terminus of tre, RN-tre
Formulation	In 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
Reconstitution & Storage	12 months under -20°C
Background Descriptions	
Precautions	Anti-USP6NL Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	USP6NL (HGNC:16858)
Synonyms	KIAA0019
Function	Acts as a GTPase-activating protein for RAB43, RAB5A and RAB30 (PubMed: 11099046 , PubMed: 16086013 , PubMed: 17562788 , PubMed: 17684057). Involved in receptor trafficking. In complex with EPS8 inhibits internalization of EGFR. Involved in retrograde transport from the endocytic pathway to the Golgi apparatus. Involved in the transport of Shiga toxin from early and recycling endosomes to the trans-Golgi network. Required for structural integrity of the Golgi complex.

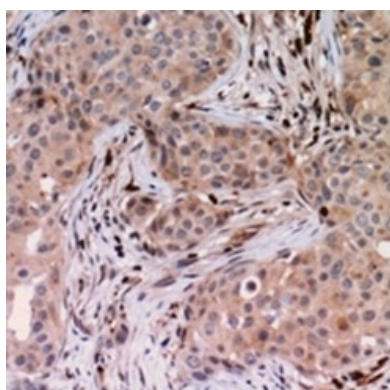
Cellular Location Golgi apparatus. Cytoplasmic vesicle.

Tissue Location Widely expressed..

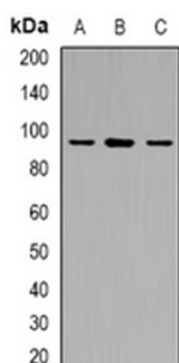
Background

USP6 N-terminal-like protein acts as a GTPase-activating protein for RAB5A and RAB43. Involved in receptor trafficking. In complex with EPS8 inhibits internalization of EGFR. Involved in retrograde transport from the endocytic pathway to the Golgi apparatus. It is also involved in the transport of Shiga toxin from early and recycling endosomes to the trans-Golgi network. Required for structural integrity of the Golgi complex

Images



Immunohistochemical analysis of USP6NL staining in human breast cancer formalin fixed paraffin embedded tissue section.



Western blot analysis of USP6NL expression in Jurkat(A), RAW264.7(B), PC12(C) whole cell lysates.

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