

Anti-USP6 Antibody (1Q774)

Product Details

Ig Type:	IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	1Q774
Purification:	Protein G purified

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: USP6 antibody at 1:1000-Lane 1: MCF-7 whole cell lysate-Lane 2: THP-1 whole cell lysate-Lane 3: SH-SY5Y whole cell lysate-Lane 4: Jurkat whole cell lysate-Lane 5: HEK293 whole cell lysate-Lane 6: HeLa whole cell lysate <p>-Secondary: Goat polyclonal to Mouse IgG at 1/20000 dilution</p> <p>-Predicted band size: 89, 122, 159 KDa</p> <p>-Observed band size: 89, 122, 159 KDa</p> <p>-Exposure time: 1min</p> <p>2. Immunofluorescence staining of HeLa cells with TMAH-01240 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).</p>
Application:	ELISA, WB, IF

Properties

Purity:	>95%
Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human Ubiquitin carboxyl-terminal hydrolase 6 Protein (348-535AA)
Antigen Species:	Human
Gene ID:	9098
Uniprot ID:	P35125
Biology Area:	Cell Biology

Research Background

Deubiquitinase with an ATP-independent isopeptidase activity, cleaving at the C-terminus of the ubiquitin moiety. Catalyzes its own deubiquitination. In vitro, isoform 2, but not isoform 3, shows deubiquitinating activity. Promotes plasma membrane localization of ARF6 and selectively regulates ARF6-dependent endocytic protein trafficking. Is able to initiate tumorigenesis by inducing the production of matrix metalloproteinases following NF-kappa-B activation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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