

Anti-UBE2L6 Antibody (3D788)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3D788
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human UBCH8 / UBE2L6 protein (TMPY-02842)
Antigen Species:	Human
Synonyms:	ubiquitin-conjugating enzyme E2L 6;UBCH8;RIG-B

Research Background

UBCH8, also known as UBE2L6, belongs to the ubiquitin-conjugating enzyme family. The family of ubiquitin-conjugating (E2) enzymes is characterized by the presence of a highly conserved ubiquitin-conjugating (UBC) domain. These domains accommodate the ATP-activated ubiquitin (Ub) or ubiquitin-like (UBL) protein via a covalently linked thioester onto its active-site residue. E2 enzymes act via selective protein-protein interactions with the E1 and E3 enzymes and connect activation to covalent modification. By doing so, E2s differentiate effects on downstream substrates, either with a single Ub/UBL molecule or as a chain. UBCH8 is highly similar in primary structure to the enzyme encoded by the UBE2L3 gene. It catalyzes the covalent attachment of ubiquitin or ISG15 to other proteins. UBCH8 functions in the E6/E6-AP-induced ubiquitination of p53/TP53 and promotes ubiquitination and subsequent proteasomal degradation of FLT3. At protein level, it is present in natural killer cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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