

# UBE1L Recombinant Polyclonal Antibody (7HCLC)

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Polyclonal
Type	Antibody
Clone	7HCLC
Conjugate	Unconjugated
Immunogen	Protein corresponding to human UBE1L [aa880-aa1012]
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2784613

Applications	Tested Dilution	Publications
Western Blot (WB)	1:250	-

## Product Specific Information

This antibody is predicted to react with Monkey, Pig, Horse, Cat.

Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds - the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody - recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets - a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.

Product Images For UBE1L Recombinant Polyclonal Antibody (7HCLC)

UBE1L Antibody (712170) in WB

Immunoblot with UBE1L antibody (Product # 712170). NK-92, HeLa, Jurkat, and A549 cells were either untreated or IFN- $\beta$ -treated for 48 hours as indicated. 8220Transfected8221 (last lane) represents extract from HEK293T cells transfected with plasmids expressing 3X-FLAG-ISG15, UBE1L, UBCH8, and HERC5. Cells were lysed in 1% NP40 lysis buffer (50 mM Tris pH 8, 150 mM NaCl, 1% NP-40) with PMSF, aprotinin, leupeptin, and 1mM DTT. 30 mg total protein per sample were loaded onto a 13% Tris-Glycine PAGE gel, transferred to nitrocellulose using a semi-dry transfer apparatus (0.1A for 1 hour 15 minutes), and blocked for 30 minutes at RT. The membrane was probed with anti-ISG15 (1: 1000 in 1X TNET) for one hour at RT, washed with 1X TNET, and incubated with secondary antibody (1:15,000) for one hour at RT. Protein marker used is Thermo Page Ruler Plus (Product # 26620). Data courtesy of Caleb Swaim and Jon Huibregtse at University of Texas at Austin.

UBE1L Antibody (712170)

Altered expression of the protein upon cell treatment demonstrates antibody specificity. Western blot using Anti-UBE1L Recombinant Rabbit Polyclonal Antibody (Product # 712170, 1:250 dilution), shows induced expression of UBE1L protein in A549 and HeLa cells upon treatment with IFN- $\beta$ . {TM}

UBE1L Antibody (712170)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in UBE1L knockout (KO) cell line compared to control cell line using ABfinity™ Anti-UBE1L Recombinant Rabbit Oligoclonal Antibody (Product # 712170). {KO}

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