

eIF3b Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide directed towards the C-terminal of human EIF3S9
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS with 2% sucrose
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2608473

Applications	Tested Dilution	Publications
Western Blot (WB)	0.2-1 µg/mL	-

Product Specific Information

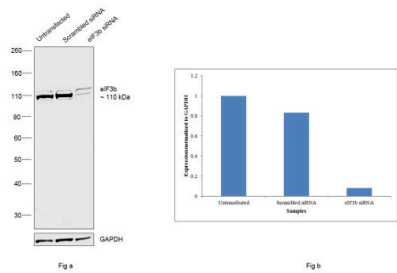
Peptide sequence: YRKMAQELYM EQKNERLELR GGVDDELDS NVDDWEEETI EFFVTEEIIP

Sequence homology: Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%

Product Images For eIF3b Polyclonal Antibody

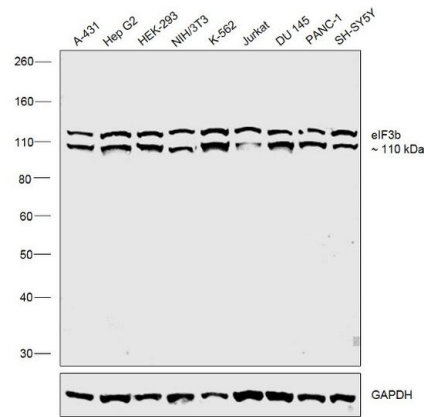
eIF3b Antibody (PA5-41773)

Antibody specificity was demonstrated by siRNA mediated KD of target protein. A-431 cells were transfected with eIF3b siRNA and reduction of signal was observed in Western Blot using eIF3b Polyclonal Antibody (Product # PA5-41773). {KD}



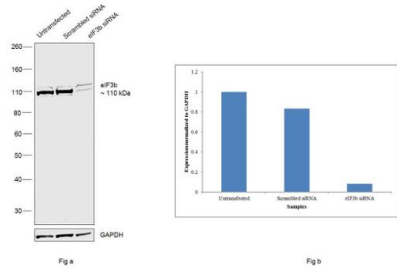
eIF3b Antibody (PA5-41773) in WB

Western blot was performed using Anti-eIF3b Polyclonal Antibody (Product # PA5-41773) and 110 kDa band corresponding to eIF3b was observed across cell lines tested along with an uncharacterized band at 120 kDa. Whole cell extracts (30 µg lysate) of A-431 (Lane 1), Hep G2 (Lane 2), HEK-293 (Lane 3), NIH/3T3 (Lane 4), K-562 (Lane 5), Jurkat (Lane 6), DU 145 (Lane 7), PANC-1 (Lane 8) and SH-SY5Y (Lane 9) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1 µg/mL) and detected by chemiluminescence Goat Anti-Rabbit IgG Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



eIF3b Antibody (PA5-41773) in WB

KD of eIF3b was achieved by transfecting A-431 with eIF3b specific siRNAs (Silencer® select Product # s16492, s16493). Western blot analysis (Fig. a) was performed using whole cell extracts from the eIF3b KD cells (Lane 3), non-specific scrambled siRNA transfected cells (Lane 2) and untransfected cells (Lane 1). The blot was probed with eIF3b Polyclonal Antibody (Product # PA5-41773, 1 µg/mL) and Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution). Densitometric analysis of this western blot is shown in histogram (Fig. b). Decrease in signal upon siRNA mediated knock down confirms that antibody is specific to eIF3b. An uncharacterized band at 120 kDa was observed in the samples tested..



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