

Human/Mouse/Rat TOR Antibody

Polyclonal Rabbit IgG Catalog Number: AB1537

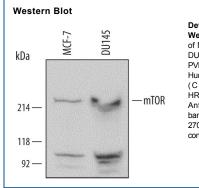
DESCRIPTION		
Species Reactivity	Human/Mouse/Rat	
Specificity	Detects human, mouse and rat TOR in Western blots.	
Source	Polyclonal Rabbit IgG	
Purification	Protein A or G purified	
Immunogen	E. coli-derived recombinant GST-rat TOR aa 1223-1290	
Formulation	Supplied as a 0.2 µm filtered solution in PBS and Glycerol. See Certificate of Analysis for details.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	2 μg/mL	See Below

DATA



Detection of Human/Mouse/Rat TOR by Western Blot. Western blot shows lysates of MCF-7 human breast cancer cell line and DU145 human prostate carcinoma cell line. PVDF membrane was probed with 2 µg/mL of Human/Mouse/Rat TOR Polyclonal Antibody (Catalog # AB1537) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for TOR at approximately 270 kDa (as indicated). This experiment was conducted using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

- 12 months from date of receipt, -20 to -70 °C, as supplied.
- 1 month from date of receipt, 2 to 8 °C, as supplied.

BACKGROUND

The Target of Rapamycin (TOR) is a member of the PI 3-kinase-related kinase (PIKK) family. TOR is the protein target of rapamycin, an anti-rejection drug used in transplantation and promising anti-cancer agent. TOR plays a crucial role in the control of cell growth and proliferation as a downstream target of the PI 3-kinase/Akt signal transduction pathway.

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