

Product datasheet

Anti-TRIP6 antibody ab137478

3 Images

Overview

Product name	Anti-TRIP6 antibody
Description	Rabbit polyclonal to TRIP6
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Cow 
Immunogen	Recombinant fragment, corresponding to a region within amino acids 162-454 of Human TRIP6 (Uniprot: Q15654).
Positive control	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Purchase matching WB positive control: Recombinant Human TRIP6 protein > </div> 293T, A431, H1299, HeLa and HepG2 whole cell lysates; HeLa cells; Human TOV21G xenograft tissue.
General notes	Keep as concentrated solution.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab137478** in the following tested applications.

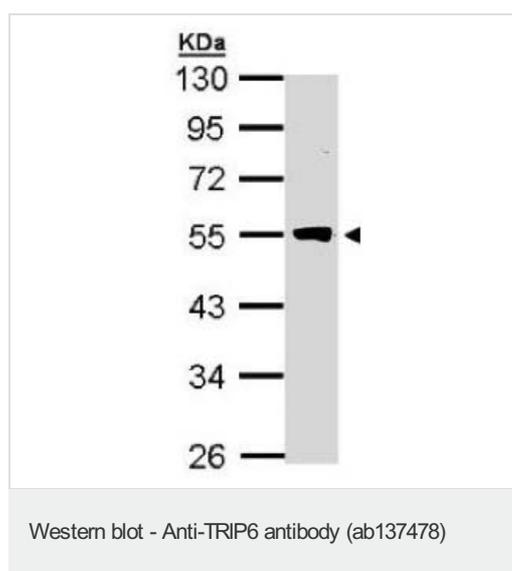
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 50 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

Target

Function	Relays signals from the cell surface to the nucleus to weaken adherens junction and promote actin cytoskeleton reorganization and cell invasiveness. Involved in lysophosphatidic acid-induced cell adhesion and migration. Acts as a transcriptional coactivator for NF-kappa-B and JUN, and mediates the transrepression of these transcription factors induced by glucocorticoid receptor.
Tissue specificity	Abundantly expressed in kidney, liver and lung. Lower levels in heart, placenta and pancreas. Expressed in colonic epithelial cells. Up-regulated in colonic tumors.
Sequence similarities	Belongs to the zyxin/ajuba family. Contains 3 LIM zinc-binding domains.
Domain	The LIM zinc-binding domains mediate interaction with LPAR2 and with S.typhimurium protein ssel.
Post-translational modifications	Phosphorylation at Tyr-55 by SRC is required for enhancement of lysophosphatidic acid-induced cell migration. Tyr-55 is dephosphorylated by PTPN13.
Cellular localization	Cytoplasm > cytoskeleton. Cell junction > focal adhesion. Nucleus. Cytoplasm. Shuttles between nucleus and cytoplasm.

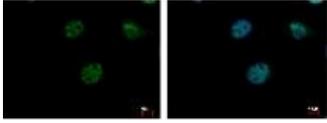
Images



Anti-TRIP6 antibody (ab137478) at 1/500 dilution + A. HeLa whole cell lysate/extract at 30 µg

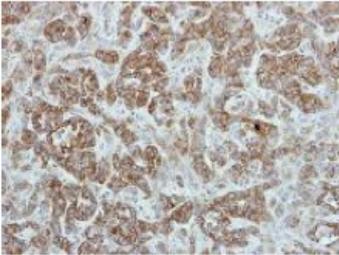
Predicted band size: 50 kDa

10% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-TRIP6 antibody (ab137478)

Immunofluorescent analysis of paraformaldehyde-fixed (4%, 15mins) HeLa cells labelling TRIP6 with ab137478 at 1/500 dilution. The image on the right is co-stained with Hoechst 33343.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRIP6 antibody (ab137478)

Immunohistochemical analysis of paraffin embedded Human TOV21G xenograft tissue labelling TRIP6 with ab137478 at 1/500 dilution.

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