

AB-NN349-2

TRAP1 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human TRAP1



KINEXUS

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Target Protein

Name Long:	Heat shock protein 75 kDa, mitochondrial
Alias:	Heat shock protein 75, Heat shock protein 75 kDa, Heat shock protein 75 kDa mitochondrial, HSP 75, HSP 90L, HSP75, HSP90L, mitochondrial, TNF receptor associated protein 1, TNFR associated protein 1, TNFR-associated protein 1, TRAP 1, TRAP-1, Trap1, TRAP1_HUMAN, Tumor necrosis factor receptor associated protein, Tumor necrosis factor type 1 receptor associated protein
UniProt ID:	Q12931 - Human
Human Predicted Mass (KDa):	80.110 (704 AA; Q12931-1); 74.267 (651 AA; Q12932)
Observed SDS-PAGE Mass (KDa):	75

Immunogen

Antibody Immunogen Source:	Human recombinant TRAP1 (amino acids 1-59 removed - transit peptide)
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	Mix
Antibody Purification:	Protein A purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB ICC/IF
Antibody Dilution Recommended:	WB (1:1000), ICC/IF (1:120); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SPC-209 was sufficient for detection of Trap-1 in 20 µg of Hela Cell lysate by ECL immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~75 kDa protein, multiple isoforms.
Antibody Specificity:	High
Antibody Cross Reactivities:	Two other prominent ~65 and 20 kDa cross-reactive proteins in mouse brain lysates.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987