Data Sheet (Cat.No.TMAB-11117)

TargetMol

Anti-Phospho-Paxillin (Tyr118) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat,Chicken,Dog,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 68 kDa. Actual: 60 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Hela (Human) Cell Lysate at 30 μg MCF-7 (Human) Cell Lysate at 30 μg NIH/3T3 (Mouse) Cell Lysate at 30 μg A549 (Human) Cell Lysate at 30 μg Primary: Anti-Phospho-Paxillin (Tyr118) (TMAB-11117) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 68 kD Observed band size: 60 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated Synthesised phosphopeptide: human Paxillin around the phosphorylation site of Tyr118
Antigen Species:	Human
Gene ID:	5829
Uniprot ID:	P49023

Research Background

Paxillin is a 64 kDa cytoskeletal adapter protein involved in organisation and function of focal adhesions, which are critical to cell adhesion and migration. This in turn plays a role in a wide variety of processes including embryogenesis, organogenesis, wound repair, inflammation and cancer. Paxillin contains LD motifs, LIM domains, SH3 and SH2 binding domains that serve as docking sites for cytoskeletal proteins, tyrosine kinases (e.g., FAK, Pyk 2, Src), serine/threonine kinases, GTPase activating proteins and other adaptor proteins (e.g., Actin, Vinculin, Crk).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481