



Rabbit Anti-Human SH3PXD2A Polyclonal Antibody (DPABH-09889)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant Protein, antigen sequence: PDPSGKELDTVPAKGRQNEGKSDSLEKIERVQALNTVNQSKKATPPIPS KPPGGFGKTS GTPAVKMRNGVRQAVRPQSVFVSP
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human, Rat
Purification	Antigen affinity purified
Conjugate	Unconjugated
Applications	IHC, WB
Format	Liquid
Size	100 µl
Buffer	40% glycerol and PBS (pH 7.2).
Preservative	0.02% Sodium Azide
Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

BACKGROUND

Introduction	Adapter protein involved in invadopodia and podosome formation, extracellular matrix degradation and invasiveness of some cancer cells. Binds matrix metalloproteinases (ADAMs), NADPH oxidases (NOXs) and phosphoinositides. Acts as an organizer protein that allows NOX1- or NOX3-dependent reactive oxygen species (ROS) generation and ROS localization. In association with ADAM12, mediates the neurotoxic effect of beta-amyloid peptide.
Keywords	SH3PXD2A; SH3 and PX domains 2A; FISH; TKS5; SH3MD1; SH3 and PX domain-containing protein 2A; adapter protein TKS5; adaptor protein TKS5; SH3 multiple domains 1; five SH3 domain-containing protein; tyrosine kinase substrate with five SH3 domains;

GENE INFORMATION

Entrez Gene ID [9644](#)

UniProt ID [Q5TCZ1](#)