Datasheet for ABIN1574092

anti-WDR77 antibody (C-Term)

1 Image

Go to Product page

Overview

Quantity:	40 µg
Target:	WDR77
Binding Specificity:	C-Term
Reactivity:	Human, Orang-Utan
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR77 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH-coupled synthetic peptide from carboxyl terminal of human MEP50
Isotype:	IgG
Specificity:	Rabbit Anti-MEP50 Polyclonal Antibody detects endogenous levels of human MEP50 protein. It is predicted to react with sumatran orangutan MEP50 protein according to sequence homology.
Cross-Reactivity (Details):	Rabbit Anti-MEP50 Polyclonal Antibody detects endogenous levels of human MEP50 protein. It is predicted to react with sumatran orangutan MEP50 protein according to sequence homology.
Purification:	Immunoaffinity chromatography

Target Details

Target:	WDR77
Alternative Name:	MEP50 (WDR77 Products)
Background:	MEP50 (methylosome protein 50), also known as WDR77, is a component of protein arginine methyltransferase complex containing at least PRMT5, CLNS1A and MEP50. It binds histone H2A selectively among core histones, and mediates transcriptional repression of protein arginine methyltransferase PRMT5. MEP50 is a WD repeat protein which interacts with an arginine protein JBP1. MEP50 plays a critical role in methylosome activity and may regulate the transfer of Sm proteins to the SMN (survival of motor neurons) complex, an early step in the assembly of U snRNPs. In addition, MEP50 may function to mediate the interaction of multiple substrates in the methylosome.Rabbit Anti-MEP50 Polyclonal Antibody is developed in rabbit using a KLH-coupled synthetic peptide from carboxyl terminal of human MEP50. (Swiss Prot: Q9BQA1).
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product. ELISA: 0.05-0.2 µg/mL Western blot: 1-2 µg/mLOther Applications: user-optimized
Restrictions:	For Research Use only

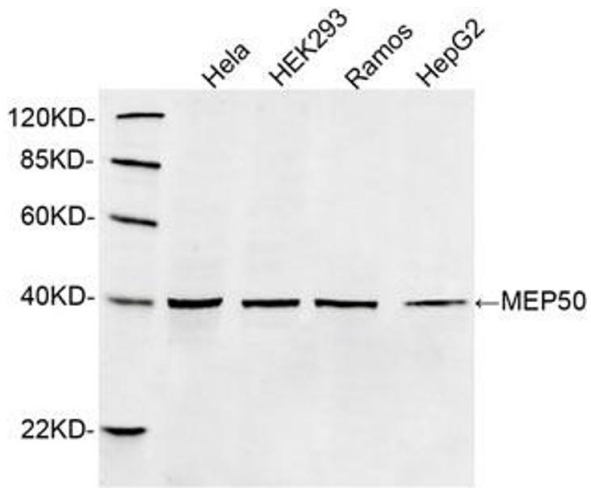
Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4, containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or

Handling

	eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Storage:	4 °C/-20 °C
Storage Comment:	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Images



Western Blotting

Image 1. Western blot analysis of cell lysates using 1 µg/mL Rabbit Anti-MEP50 Polyclonal Antibody (ABIN398851) The signal was developed with IRDyeTM 800 Conjugated Goat Anti-Rabbit IgG.Predicted Size: 37 KD Observed Size: 40 KD