Datasheet for ABIN1450170
anti-YPEL4 antibody (N-Term)

1	Image

Overview

Quantity:	0.1 mg
Target:	YPEL4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YPEL4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	12 amino acid synthetic peptide near the amino terminus of Human YPEL4
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	YPEL4
Alternative Name:	YPEL4 (YPEL4 Products)
Background:	YPEL4 (yippee-like 4) belongs to a family of five yippee-like proteins, all of which localize to the centrosome or mitotic spindle and are widely expressed in both adult and fetal tissue. This localization plus the fact that the family of human YPEL proteins share a high degree of sequence homology across species suggests that these proteins may have a conserved

Target Details

	function involved in cell division. YPEL4 is ubiquitously expressed in adult tissues and has been shown to associate with the major vault protein (MVP). It has been suggested that MVP can inhibit YPEL4's ability to activate Elk-1 in the MAPK signaling pathway.Synonyms: Yippee-like 4
Gene ID:	219539
NCBI Accession:	NP_659455

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

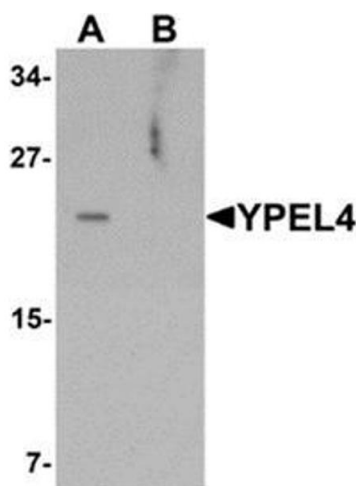| Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images

Western Blotting

Image 1. Western blot analysis of YPEL4 in SW480 cell lysate with YPEL4 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.