

## anti- PLEKHO1 antibody

### Product Information

Catalog No.:	FNab06543
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Plays a role in the regulation of the actin cytoskeleton through its interactions with actin capping protein(CP). May function to target CK2 to the plasma membrane thereby serving as an adapter to facilitate the phosphorylation of CP by protein kinase 2(CK2). Appears to target ATM to the plasma membrane. Appears to also inhibit tumor cell growth by inhibiting AKT-mediated cell-survival. Also implicated in PI3K-regulated muscle differentiation, the regulation of AP-1 activity(plasma membrane bound AP-1 regulator that translocates to the nucleus) and the promotion of apoptosis induced by tumor necrosis factor TNF. When bound to PKB, it inhibits it probably by decreasing PKB level of phosphorylation.

### Immunogen information

Immunogen:	pleckstrin homology domain containing, family O member 1
Synonyms:	CKIP1, OC120
Observed MW:	46,90kDa
UniprotID :	Q53GL0

### Application

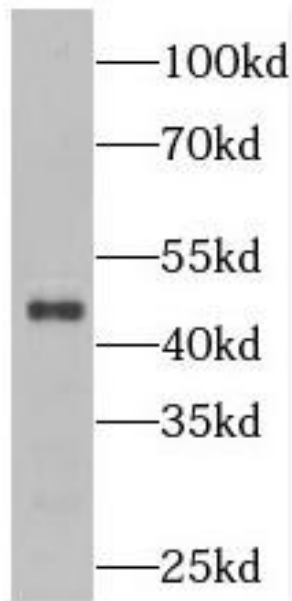
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Reactivity: Human, Mouse  
Tested Application: ELISA, WB  
Recommended dilution: WB: 1:500-1:2000  
Image:



K-562 cells were subjected to SDS PAGE followed by western blot with FNab06543(PLEKHO1 antibody) at dilution of 1:300