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Datasheet for ABIN6137061
anti-ARAP2 antibody (AA 1405-1704)

1 Image

Overview

Quantity:	100 µL
Target:	ARAP2
Binding Specificity:	AA 1405-1704
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARAP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1405-1704 of human ARAP2 (NP_056045.2).
Sequence:	LAEPGSAYLV VKRFLTADTI KHCSRSTLG SIKEGILKIK EEPKILSGN KFQDRYFVLR DGFLFLYKDV KSSKHDKMFS LSSMKFYRGV KKKMKPPTSW GLTAYSEKHH WHLCCDSSRT QTEWMTSIFI AQHEYDIWPP AGKERKRSIT KNPKIGGLPL IPIQHEGNAT LARKNIESAR AELERLRLSE KCDKESVDSS LKERASMVAH CLEHKDDKLR NRPRKHRSFN CLEDTEPEAP LGQPKG HKGL KTLRKTEDRN SKATLDS DHK LPSRVIEELN VVLRQSRTLP KELQDEQILK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

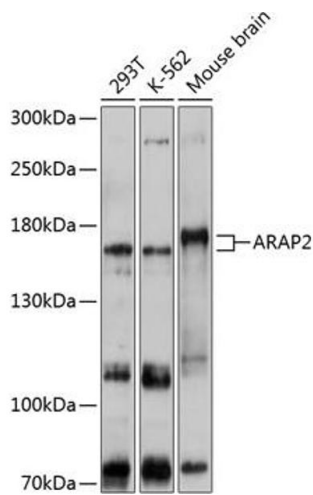
Target:	ARAP2
Alternative Name:	ARAP2 (ARAP2 Products)
Background:	The protein encoded by this gene contains ARF-GAP, RHO-GAP, ankyrin repeat, RAS-associating, and pleckstrin homology domains. The protein is a phosphatidylinositol (3,4,5)-trisphosphate-dependent Arf6 GAP that binds RhoA-GTP, but it lacks the predicted catalytic arginine in the RHO-GAP domain and does not have RHO-GAP activity. The protein associates with focal adhesions and functions downstream of RhoA to regulate focal adhesion dynamics.,ARAP2,CENTD1,PARX,Signal Transduction,G protein signaling,Signal Transduction,ARAP2
Molecular Weight:	193 kDa
Gene ID:	116984
UniProt:	Q8WZ64

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using antibody (ABIN6129192, ABIN6137061, ABIN6137062 and ABIN6215863) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.