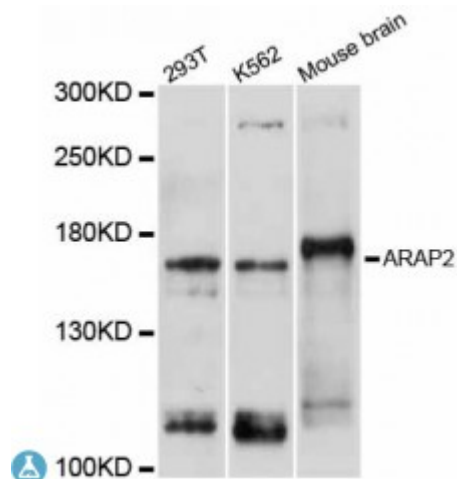


Anti-ARAP2 Antibody



Description

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.

Model	STJ114144
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1405-1704 of human ARAP2 (NP_056045.2).
Gene ID	116984
Gene Symbol	ARAP2
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Detected in brain, thymus, lymph node, thyroid, spinal cord, trachea, heart, skeletal muscle, spleen, kidney, liver, placenta, lung and peripheral blood leukocytes
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Arf-GAP with Rho-GAP domain ANK repeat and PH domain-containing

	protein 2 Centaurin-delta-1 Cnt-d1 Protein PARX
Molecular Weight	193.452 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:16924 OMIM:606645 Reactome:R-HSA-194840
Alternative Names	Arf-GAP with Rho-GAP domain ANK repeat and PH domain-containing protein 2 Centaurin-delta-1 Cnt-d1 Protein PARX
Function	Phosphatidylinositol 3,4,5-trisphosphate-dependent GTPase-activating protein that modulates actin cytoskeleton remodeling by regulating ARF and RHO family members, Is activated by phosphatidylinositol 3,4,5-trisphosphate (PtdIns(3,4,5)P3) binding, Can be activated by phosphatidylinositol 3,4-bisphosphate (PtdIns(3,4,5)P2) binding, albeit with lower efficiency ,
Cellular Localization	Cytoplasm

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com