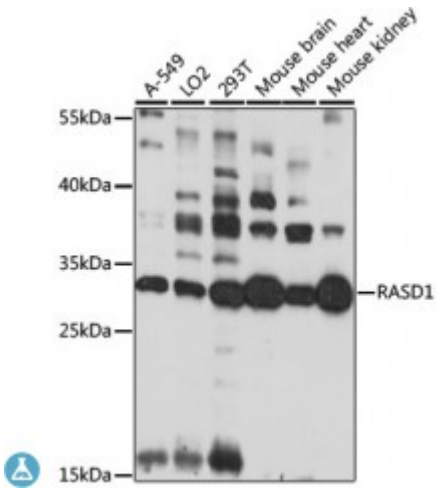
Anti-RASD1 Antibody



Description	This gene encodes a member of the Ras superfamily of small GTPases and is induced by dexamethasone. The encoded protein is an activator of G-protein signaling and acts as a direct nucleotide exchange factor for Gi-Go proteins. This protein interacts with the neuronal nitric oxide adaptor protein CAPON, and a nuclear adaptor protein FE65, which interacts with the Alzheimer's disease amyloid precursor protein. This gene may play a role in dexamethasone-induced alterations in cell morphology, growth and cell-extracellular matrix interactions. Epigenetic inactivation of this gene is closely correlated with resistance to dexamethasone in multiple myeloma cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Model	STJ117646
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 132-281 of human RASD1 (NP_057168.1).
Gene ID	51655
Gene Symbol	RASD1
Dilution range	WB 1:200 - 1:2000
Tissue Specificity	Expressed in a variety of tissues including heart, cardiovascular tissues, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, gastrointestinal and reproductive tissues

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Dexamethasone-induced Ras-related protein 1 Activator of G-protein signaling 1
Molecular Weight	31.642 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:15828OMIM:605550
Alternative Names	Dexamethasone-induced Ras-related protein 1 Activator of G-protein signaling 1
Function	Small GTPase, Negatively regulates the transcription regulation activity of the APBB1/FE65-APP complex via its interaction with APBB1/FE65 ,
Cellular Localization	Cell membrane
Post-translational Modifications	S-nitrosylation stimulates guanine-nucleotide exchange activity,