
Product Name: PAR4 Rabbit Monoclonal Antibody**Catalog #: AMRe87374**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000
Molecular Weight	Calculated MW:37 kDa; Observed MW:41 kDa

Antigen Information

Gene Name	PAR4
Alternative Names	PAR4; Par-4
Gene ID	5074
SwissProt ID	Q96IZ0
Immunogen	A synthetic peptide of human PAR4

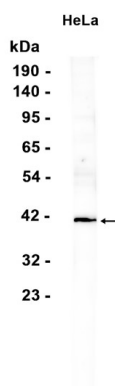
Background

This gene encodes a tumor suppressor protein that selectively induces apoptosis in cancer cells through intracellular and extracellular mechanisms. The intracellular mechanism involves the inhibition of pro-survival pathways and the activation of

Fas-mediated apoptosis, while the extracellular mechanism involves the binding of a secreted form of this protein to glucose regulated protein 78 (GRP78) on the cell surface, which leads to activation of the extrinsic apoptotic pathway. This gene is located on the unstable human chromosomal 12q21 region and is often deleted or mutated different tumors. The encoded protein also plays an important role in the progression of age-related diseases. [provided by RefSeq, Aug 2017]

Research Area

Image Data



Western blot analysis of extracts from HeLa cells using PAR4 Rabbit Monoclonal Antibody at 1:1000.