

CAB4983

Product Information

Product SKU:	CAB4983	Gene ID:	5074	Size:	20uL, 100uL
Clone No:	ARC1980	Host Species:	Rabbit	Reactivity:	Human, Mouse

Additional Information

Observed MW:	41kDa	Conjugate:	Unconjugated
Calculated MW:	37kDa	Isotype:	IgG

Immunogen Information

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 in different tumors. The encoded protein also plays an important role in the progression of age-related diseases.

Recommended Dilution: WB, 1:500 - 1:1000 IHC-P, 1:50 - 1:200 IF/ICC, 1:50 - 1:200

Synonyms: PAR4; Par-4

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 241-340 of human PAR4 (Q96IZ0).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.