



Anti-CCAR1 (aa 700-750) polyclonal antibody (CPBT-66492RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product specifically recognises human CCAR1 (Cell cycle and apoptosis regulatory protein 1), a perinuclear phosphoprotein expressed by several epithelial cancer cell lines, which has been implicated as a regulator of transcription, through association with components of the Mediator and p160 coactivator complexes, and its role as a p53 coactivator. CCAR1 acts as an inducer of apoptosis signalling, under the regulation of the epidermal growth factor receptor (EGFR), caspase-9 activation, the mitogen-activated protein kinase pathway, and in response to chemotherapeutic agents, and has been shown to act as a suppressor of human breast cancer growth. Western Blotting detects a band of approximately 133-140kDa in HeLa nuclear extract cell lysates.
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Specificity	CCAR1
Immunogen	Synthetic peptide corresponding to an epitope within amino acid residues 700-750 of human
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	IP; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.1% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid

repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CCAR1 cell division cycle and apoptosis regulator 1 [Homo sapiens (human)]
Official Symbol	CCAR1
Synonyms	CCAR1; cell division cycle and apoptosis regulator 1; cell division cycle and apoptosis regulator protein 1; death inducer with SAP domain; cell cycle and apoptosis regulatory protein 1;
Entrez Gene ID	55749
Protein Refseq	NP_001269888
UniProt ID	Q8IX12
Chromosome Location	10q21.3
Pathway	Gene Expression; Processing of Capped Intron-Containing Pre-mRNA; mRNA Splicing; mRNA Splicing - Major Pathway;
Function	ligand-dependent nuclear receptor transcription coactivator activity; poly(A) RNA binding; protein binding;