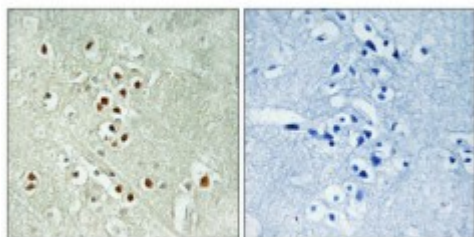


Anti-CRIF1 antibody



Description	Rabbit polyclonal to CRIF1.
Model	STJ92476
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human CRIF1
Immunogen Region	60-140 aa, Internal
Gene ID	90480
Gene Symbol	GADD45GIP1
Dilution range	IHC 1:100-1:300ELISA 1:40000
Specificity	CRIF1 Polyclonal Antibody detects endogenous levels of CRIF1 protein.
Tissue Specificity	Widely expressed. Highly expressed in the thyroid gland, heart, lymph nodes, trachea and adrenal tissues. Expressed at lower level in liver skeletal muscle, kidney, pancreas, testis, ovary and stomach. Barely detectable in adrenal adenoma and papillary thyroid cancer.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Growth arrest and DNA damage-inducible proteins-interacting protein 1 39S ribosomal protein L59, mitochondrial MRP-L59 CKII beta-associating protein CR6-interacting factor 1 CRIF1 Mitochondrial large ribosomal subunit p

Molecular Weight	25.384 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:29996OMIM:605162
Alternative Names	Growth arrest and DNA damage-inducible proteins-interacting protein 1 39S ribosomal protein L59, mitochondrial MRP-L59 CKII beta-associating protein CR6-interacting factor 1 CRIF1 Mitochondrial large ribosomal subunit p
Function	Acts as a negative regulator of G1 to S cell cycle phase progression by inhibiting cyclin-dependent kinases. Inhibitory effects are additive with GADD45 proteins but occurs also in the absence of GADD45 proteins. Acts as a repressor of the orphan nuclear receptor NR4A1 by inhibiting AB domain-mediated transcriptional activity. May be involved in the hormone-mediated regulation of NR4A1 transcriptional activity. May play a role in mitochondrial protein synthesis.
Cellular Localization	Mitochondrion Nucleus. Using N-terminally tagged constructs, has been found in the nucleus . C-terminally tagged constructs are targeted exclusively to mitochondria . This discrepancy may be explained by masking of a potential N-terminal mitochondrial targeting signal by the tag .