

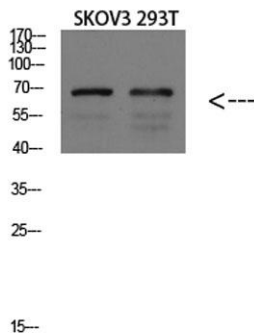
GADD34 rabbit pAb**Cat#: orb771488 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	GADD34 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000, ELISA 1:10000-20000
Immunogen	Synthetic peptide from human protein at AA range: 430-490
Specificity	The antibody detects endogenous GADD34
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protein phosphatase 1 regulatory subunit 15A (Growth arrest and DNA damage-inducible protein GADD34) (Myeloid differentiation primary response protein MyD116 homolog)
Gene Name	PPP1R15A GADD34
Cellular localization	Endoplasmic reticulum membrane; Peripheral membrane protein; Cytoplasmic side . Mitochondrion outer membrane; Peripheral membrane protein; Cytoplasmic side . Associates with membranes via an N-terminal amphipathic intramembrane region. .

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	73kD
Human Gene ID	23645
Human Swiss-Prot Number	O75807
Alternative Names	Protein phosphatase 1 regulatory subunit 15A (Growth arrest and DNA damage-inducible protein GADD34) (Myeloid differentiation primary response protein MyD116 homolog)

Background This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation. [provided by RefSeq, Jul 2008],



Western blot analysis of MOUSE-BRAIN lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000