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Product datasheet for TA420182

Aatf Rat Monoclonal Antibody [Clone ID: 1B2D8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1B2D8
Applications:	IF, WB
Reactivity:	Human
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	A peptide comprising amino acids 1-39 of mouse AATF (apoptosis-antagonizing transcription factor)
Specificity:	AATF
Formulation:	Phosphate buffered saline containing 0.035% Sodium Azide (NaN3)30% Glycerol **Label**: Purified **State**: Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant Purified IgG - liquid
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	+4°C, -20°C if preferred
Stability:	Shelf life: one year from despatch.
Gene Name:	apoptosis antagonizing transcription factor
Database Link:	Q9JKX4
Background:	Rat anti Mouse AATF antibody, clone 1B2D8 recognizes apoptosis-antagonizing transcription factor, also known as Rb-binding protein che-1.AATF was first identified as an RNA pol II â€" interacting factor (Fanciulli et al. 2000). AATF is a protein encoded by the AATF gene. AATF mediates cellular responses and promotes cell proliferation and survival by inducing autophagy, DNA repair, and cell cycle arrest and inhibiting apoptosis (Kumar et al. 2019). DNA damage leads to phosphorylation of AATF at tyrosine 366 by the MAP kinase-activated protein kinase 2 (MK2) (HÃ¶pker et al. 2012).Rat anti Mouse AATF antibody detects a band of 80 kDa.

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Synonyms: CHE-1; CHE1; DED