

Product datasheet for **TA319633**

DAP1 (DAP) Rabbit Polyclonal Antibody

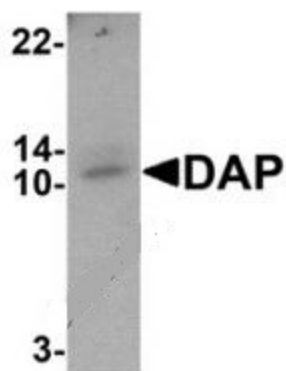
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DAP antibody was raised against a 19 amino acid peptide near the carboxy terminus of human DAP.
Formulation:	DAP Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	DAP Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 11 kDa; Observed: 11 kDa
Gene Name:	death-associated protein
Database Link:	NP_004385 Entrez Gene 64322 RatEntrez Gene 223453 MouseEntrez Gene 1611 Human P51397
Background:	DAP Antibody: The Death-associated protein (DAP) is a basic proline-rich 15kDa protein that as a positive mediator of programmed cell death that is induced by interferon-gamma (1). DAP is also a direct substrate of mammalian target of rapamycin (mTOR), a serine/threonine kinase that regulates cell growth and cell cycle, and a negative regulator of autophagy. Under rich nutrient conditions, mTOR phosphorylates DAP at Ser3 and Ser51; under starvation conditions, these residues are dephosphorylated and DAP is converted into an active suppressor of autophagy (2).
Synonyms:	MGC99796

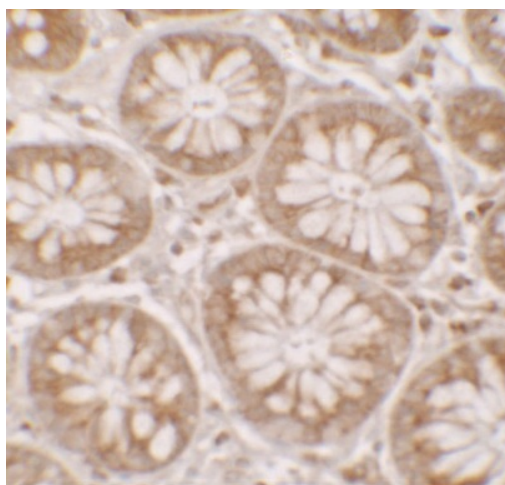


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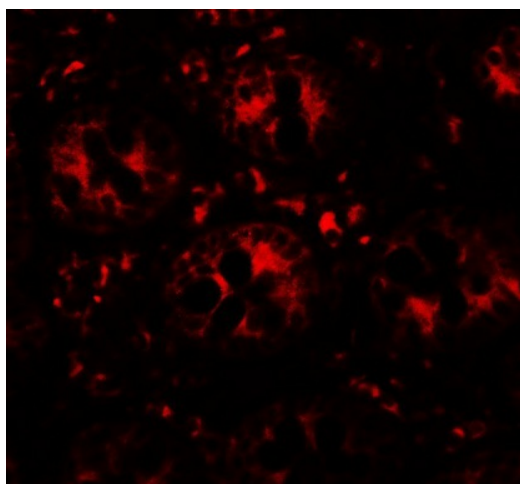
Product images:



Western blot analysis of DAP in human small intestine tissue lysate with DAP antibody at 1 ug/mL.



Immunohistochemistry of DAP in human small intestine tissue with DAP antibody at 5 ug/mL.



Immunofluorescence of DAP in human small intestine tissue with DAP antibody at 20 ug/mL.