OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA320007

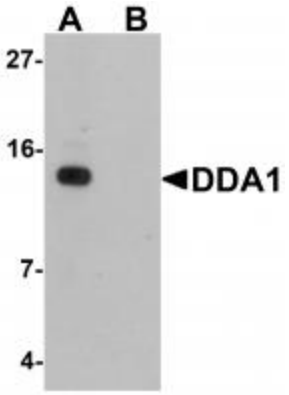
DDA1 Rabbit Polyclonal Antibody

Product data:

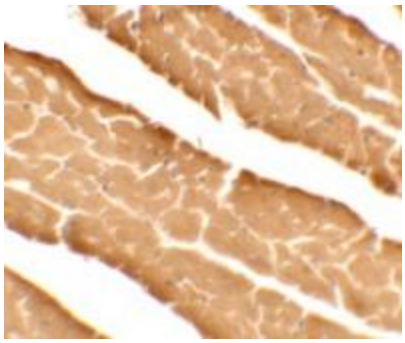
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DDA1 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human DDA1.
Formulation:	DDA Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	DDA 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.
Gene Name:	DET1 and DDB1 associated 1
Database Link:	NP_003253 Entrez Gene 79016 Human Q9BW61
Background:	DDA Antibody: DDA1 (DET1 and DDB1 associated 1), along with DET1 and DDB1 and a member of the UBE2E group of canonical ubiquitin-conjugating enzymes, comprise DDD-E2 complexes, which interact with multiple ubiquitin E3 ligases. One of these E3 ligases is Cul4-containing E3 ligase complex CRL4. Cells depleted of DDA1 spontaneously accumulate double-stranded DNA breaks in a similar fashion as Cul4A-, Cul4B-, or WDR23-depleted cells, suggesting that DDA1 interacts with the CRL4 complex and may be involved in the ubiquitination and subsequent proteasomal degradation of target proteins.
Synonyms:	C19orf58; PCIA1

View online »

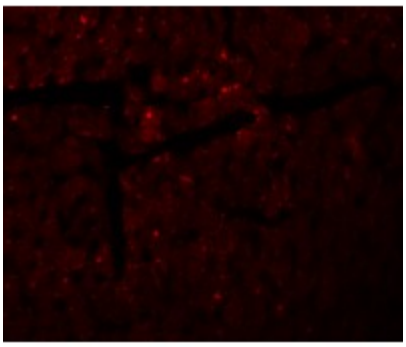
Product images:



Western blot analysis of DDA1 in mouse heart tissue lysate with DDA1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide



Immunohistochemistry of DDA1 in mouse heart tissue with DDA1 antibody at 5 ug/mL.



Immunofluorescence of DDA1 in mouse heart tissue with DDA1 antibody at 20 ug/mL.