

OriGene Technologies, Inc.

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Product datasheet for TA355867

Apex1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of mouse APEX1
Specificity:	Expected reactivity : Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat Homology : Cow: 100%; Dog: 93%; Goat: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 93%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	35kDa
Gene Name:	apurinic/apyrimidinic endonuclease 1
Database Link:	<u>NP_033817</u> <u>Entrez Gene 11792 Mouse</u> <u>Q544Z7</u>



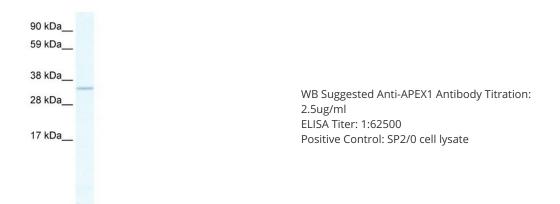
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ORIGENE	Apex1 Rabbit Polyclonal Antibody – TA355867
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Background:Apurinic/apyrimidinic (AP) sites occur frequently in DNA molecules by spontaneous
hydrolysis, by DNA damaging agents or by DNA glycosylases that remove specific abnormal
bases. AP sites are pre-mutagenic lesions that can prevent normal DNA replication so the cell
contains systems to identify and repair such sites. Class II AP endonucleases cleave the
phosphodiester backbone 5' to the AP site. This gene encodes the major AP endonuclease in
human cells.

Synonyms: APE; APE-1; APE1; APEN; APEX; APX; HAP1; REF-1; REF1

Product images:



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