

Datasheet for ABIN6745230
anti-APEX1 antibody (AA 215-264)



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1 Image

Overview

Quantity:	100 µL
Target:	APEX1
Binding Specificity:	AA 215-264
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog, Rabbit, Horse, Guinea Pig, Goat, Monkey, Bat, Zebrafish (Danio rerio), Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APEX1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa215-264 of human APEX1 (P27695, NP_001632). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Tamarin, Mouse, Rat, Goat, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Platypus (100%), Salmon, Sablefish, Stickleback, Zebrafish (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human APEX1 / APE1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Goat, Pig (100%) Zebrafish (85%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target:	APEX1
Alternative Name:	APEX1 / APE1 (APEX1 Products)
Background:	Name/Gene ID: APEX1 Synonyms: APEX1, AP endonuclease class I, AP lyase, APE, APE-1, APEN, APE1, APEX nuclease, Redox factor-1, AP endonuclease 1, APEX, APX, Protein REF-1, REF-1, REF1
Gene ID:	328
NCBI Accession:	NP_001632
UniProt:	P27695
Pathways:	DNA Damage Repair , Chromatin Binding , Cell RedoxHomeostasis , Smooth Muscle Cell Migration , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)
	Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images

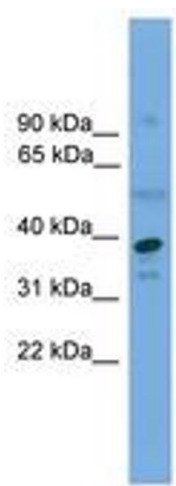


Image 1.