

Datasheet for ABIN202230
anti-APEX1 antibody (AA 79-128)



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2 Images

Overview

Quantity:	100 µL
Target:	APEX1
Binding Specificity:	AA 79-128
Reactivity:	Human, Pig, Horse, Goat, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APEX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide located between aa79-128 of human APEX1 (P27695, NP_542379). Percent identity by BLAST analysis: Human, Chimpanzee, Orangutan, Gibbon, Monkey, Bat, Horse (100%), Gorilla, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Rabbit (92%), Bovine (91%), Hamster, Pig, Guinea pig (84%), Goat (83%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human APEX1 / APE1
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Mouse, Rat, Dog (92%) Bovine (91%) Pig (84%) Goat (83%).

Product Details

Purification: Protein A 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_542379
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: IHC, IHC-P, WB (1.25 µg/mL)
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

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

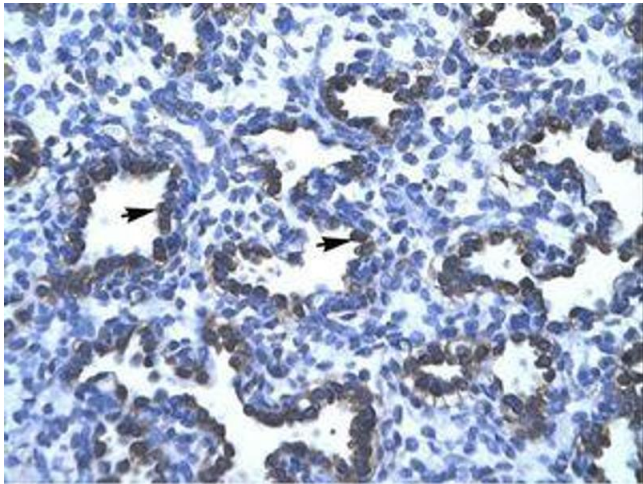


Image 1.

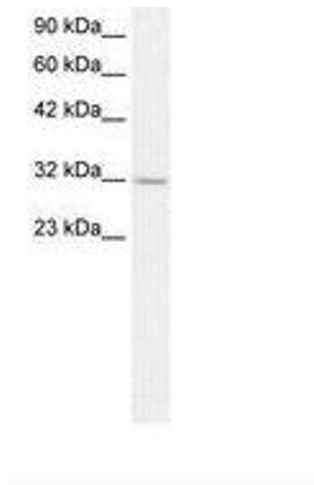


Image 2.