

Rabbit anti-Human p300 Polyclonal Antibody | anti-p300 antibody

Rabbit anti-p300 IHC Antibody, Affinity Purified

CATALOG # AAA213741	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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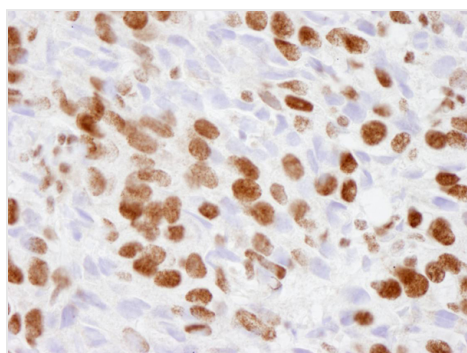
PRODUCT SYNONYMS

p300; Polyclonal Antibody; Rabbit anti-p300 IHC Antibody; Affinity Purified; RSTS2; p300 HAT; KAT3B; histone crotonyltransferase p300; histone butyryltransferase p300; histone acetyltransferase p300; E1A-binding protein; 300kD; E1A-associated protein p300; protein propionyltransferase p300; Histone acetyltransferase p300; E1A binding protein p300; anti-p300 antibody

PRODUCT SPECIFICATIONS

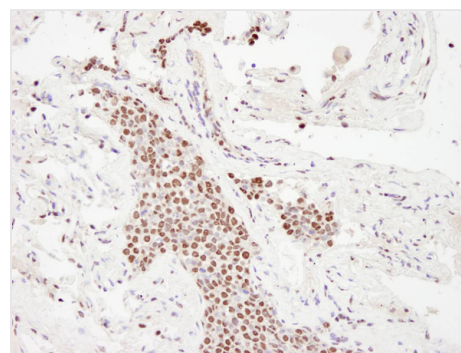
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for anti-p300 antibody	IHC (Immunohistochemistry)
Predicted Reactivity	Orangutan, Monkey, Gorilla, Chimpanzee, Crab-eating macaque
Immunogen	Between 950 and 1000
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human p300 by immunohistochemistry. Sample: FFPE section of human breast adenocarcinoma. Antibody: Affinity purified rabbit anti-p300 (Cat. No. AAA213741) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of human p300 by immunohistochemistry. Samples: FFPE section of small cell lung carcinoma. Antibody: Affinity purified rabbit anti-p300 (Cat. No. AAA213741) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-p300 antibody	By sequence similarity p300 is related to CBP (CREB-binding protein) and functions as a histone acetyltransferase that can regulate transcription by influencing chromatin organization. P300 has been demonstrated to bind to phosphorylated CREB to mediate cAMP-gene regulation. P300 has also been identified as a co-activator of HIF1A (hypoxia-inducible factor 1 alpha).
Product Categories/Family for anti-p300 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	50345997
NCBI GeneID	2033
NCBI Accession #	NP_001420.2
NCBI GenBank Nucleotide #	NM_001429.3
UniProt Accession #	Q09472; B1AKC2
Molecular Weight	264,161 Da
NCBI Official Full Name	histone acetyltransferase p300
NCBI Official Synonym Full Names	E1A binding protein p300
NCBI Official Symbol	EP300
NCBI Official Synonym Symbols	p300; KAT3B; RSTS2
NCBI Protein Information	histone acetyltransferase p300; p300 HAT; E1A-binding protein, 300kD; E1A-associated protein p300
UniProt Protein Name	Histone acetyltransferase p300
UniProt Gene Name	EP300
UniProt Synonym Gene Names	P300; p300 HAT
UniProt Entry Name	EP300_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.