

Rabbit anti-Human EP300 Polyclonal Antibody | anti-EP300 antibody

EP300 Rabbit pAb

CATALOG # AAA283189	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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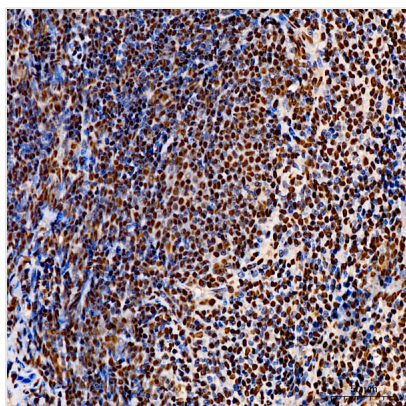
PRODUCT SYNONYMS

EP300; Polyclonal Antibody; EP300 Rabbit pAb; p300; KAT3B; MKHK2; RSTS2; anti-EP300 antibody

PRODUCT SPECIFICATIONS

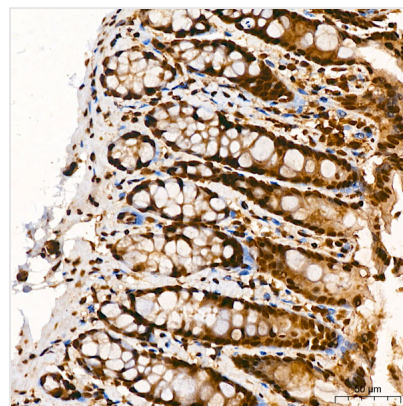
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	LSQPAVSIEG QVSNPPSTSS TEVNSQAIAE KQPSQEVKME AKMEVDQPEP ADTQPEDISE SKVEDCKMES TETEERSTEL KTEIKEEEDQ P
Applicable Applications for anti-EP300 antibody	ELISA, IHC (Immunohistochemistry)
Cross Reactivity	Mouse, Rat
Immunogen	Recombinant Protein corresponding to a sequence within amino acids 940-1030 of human EP300(NP_001420.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using EP300 Rabbit pAb (AAA283189) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using EP300 Rabbit pAb (AAA283189) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-EP300 antibody	This gene encodes the adenovirus E1A-associated cellular p300 transcriptional co-activator protein. It functions as histone acetyltransferase that regulates transcription via chromatin remodeling and is important in the processes of cell proliferation and differentiation. It mediates cAMP-gene regulation by binding specifically to phosphorylated CREB protein. This gene has also been identified as a co-activator of HIF1A (hypoxia-inducible factor 1 alpha), and thus plays a role in the stimulation of hypoxia-induced genes such as VEGF. Defects in this gene are a cause of Rubinstein-Taybi syndrome and may also play a role in epithelial cancer.
Product Categories/Family for anti-EP300 antibody	Epigenetics Nuclear Signaling ; Epigenetic writers and erasers of core Histones ; Transcription Factors ; Nuclear Receptor Signaling ; Cancer ; Tumor suppressors ; Signal Transduction ; Cell Biology Developmental Biology ; Apoptosis ; Cell Cycle ; Cell Cycle Contro

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	Calculated MW: 264kDa
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ep300-antibody-immunohistochemistry-elisa/283189>