

Rabbit PAX3 Polyclonal Antibody | anti-PAX3 antibody

PAX3 Polyclonal Antibody

CATALOG # AAA281169	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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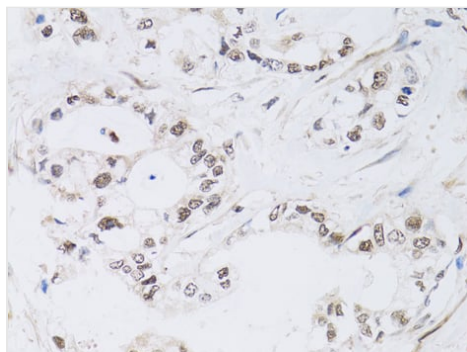
PRODUCT SYNONYMS

PAX3; Polyclonal Antibody; PAX3 Polyclonal Antibody; CDHS; HUP2; WS1; WS3; anti-PAX3 antibody

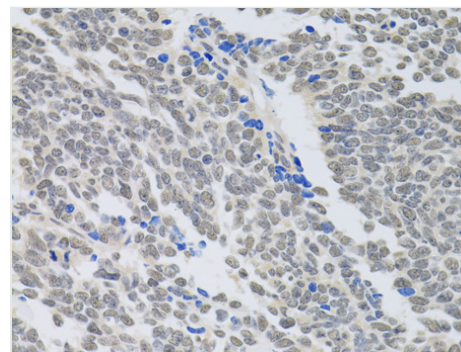
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MTTLAGAVPR MMRPGPGQNY PRSGFPLEVS TPLGQGRVNQ LGGVFINGRP LPNHIRHKIV EMAHHGIRPC VISRQLRVSH GCVSKILCRY QETGSIRPGA IGGSKPKQVT TPDVEKKIEE YKRENP GMFS WEIRDKLLKD AVCDRNTVPS VSSISRILRS KFGKGEEEEEA DLERKEAEES EKKAKHSIDG ILSERGKALV SGVSSH
Sequence Length	215
Applicable Applications for anti-PAX3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PAX3
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

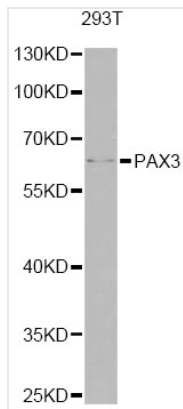
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using PAX3 antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using PAX3 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of 293T cells, using PAX3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-PAX3 antibody	This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. Mutations in paired box gene 3 are associated with Waardenburg syndrome, craniofacial-deafness-hand syndrome, and alveolar rhabdomyosarcoma. The translocation t(2;13)(q35;q14), which represents a fusion between PAX3 and the forkhead gene, is a frequent finding in alveolar rhabdomyosarcoma. Alternative splicing results in transcripts encoding isoforms with different C-termini.
Product Categories/Family for anti-PAX3 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6654638
NCBI GeneID	5077
NCBI Accession #	NP_000429.2
NCBI GenBank Nucleotide #	NM_000438.5
UniProt Accession #	P23760; Q16448; Q494Z3; Q494Z4; Q53T90; Q6GSJ9; Q86UQ2; Q86UQ3; G5E9C1
Molecular Weight	Calculated: 22kDa; 24kDa; 44kDa; 45kDa; 52kDa; 53kDa; 55kDa Observed: 65kDa
NCBI Official Full Name	paired box protein Pax-3 isoform PAX3a
NCBI Official Synonym Full Names	paired box 3
NCBI Official Symbol	PAX3
NCBI Official Synonym Symbols	WS1; WS3; CDHS; HUP2
NCBI Protein Information	paired box protein Pax-3
UniProt Protein Name	Paired box protein Pax-3
UniProt Gene Name	PAX3
UniProt Synonym Gene Names	HUP2

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.

