

Rabbit anti-Human DDX20 Polyclonal Antibody | anti-DDX20 antibody

DDX20 Antibody

CATALOG # AAA232025	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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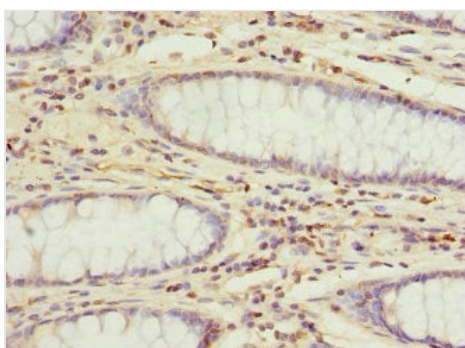
PRODUCT SYNONYMS

DDX20; Polyclonal Antibody; DDX20 Antibody; Probable ATP-dependent RNA helicase DDX20; Component of gems 3; DEAD box protein 20; DEAD box protein DP 103; Gemin-3; DP103; GEMIN3; anti-DDX20 antibody

PRODUCT SPECIFICATIONS

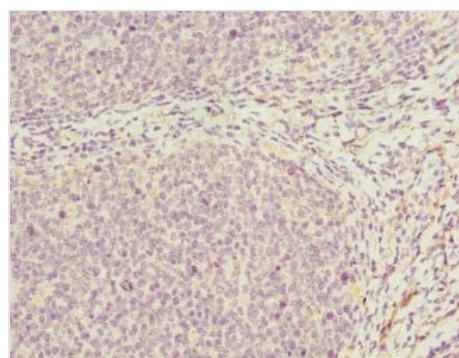
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	824
Applicable Applications for anti-DDX20 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Probable ATP-dependent RNA helicase DDX20 protein (25-280AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-21430 / sc-50405
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



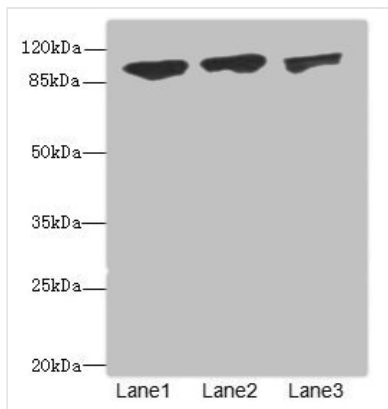
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA232025 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA232025 at dilution 1:100



WB (Western Blot)
 Western blotAll lanes: DDX20antibody at 1.91ug/mL
 Lane 1 : 293T whole cell lysate
 Lane 2 : HepG-2 whole cell lysate
 Lane 3 : HeLa whole cell lysate
 SecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilution
 Predicted band size: 93,15 kDa
 Observed band size: 92 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-DDX20 antibody	The SMN complex plays a catalyst role in the assembly of small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Thereby, plays an important role in the splicing of cellular pre-mRNAs. Most spliceosomal snRNPs contain a common set of Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG that assemble in a heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP. In the cytosol, the Sm proteins SNRPD1, SNRPD2, SNRPE, SNRPF and SNRPG are trapped in an inactive 6S pICln-Sm complex by the chaperone CLNS1A that controls the assembly of the core snRNP. Dissociation by the SMN complex of CLNS1A from the trapped Sm proteins and their transfer to an SMN-Sm complex triggers the assembly of core snRNPs and their transport to the nucleus. May also play a role in the metabolism of small nucleolar ribonucleoprotein (snoRNPs).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	256223453
NCBI GeneID	11218
NCBI Accession #	NP_009135.4
NCBI GenBank Nucleotide #	NM_007204.4
UniProt Accession #	Q9UHI6; Q96F72; Q9NVM3; Q9UF59; Q9UIY0; Q9Y659; B4DWV7
Molecular Weight	14,272 Da
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX20
NCBI Official Synonym Full Names	DEAD-box helicase 20
NCBI Official Symbol	DDX20
NCBI Official Synonym Symbols	DP103; GEMIN3
NCBI Protein Information	probable ATP-dependent RNA helicase DDX20
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX20
UniProt Gene Name	DDX20
UniProt Synonym Gene Names	DP103; GEMIN3
UniProt Entry Name	DDX20_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.

