Rabbit DDX20 Polyclonal Antibody | anti-DDX20 antibody

DDX20 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279548	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

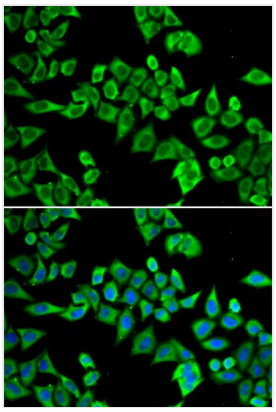
PRODUCT SYNONYMS

DDX20; Polyclonal Antibody; DDX20 Polyclonal Antibody; DP103; GEMIN3; anti-DDX20 antibody

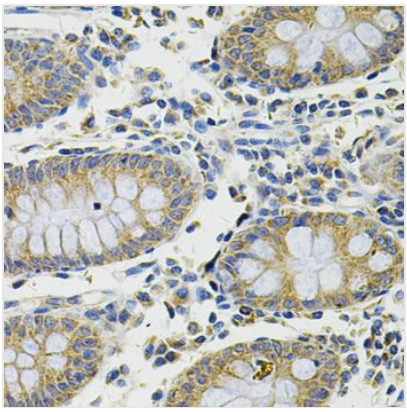
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	824
Applicable Applications for anti-DDX20 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human DDX20
Calculated Molecular Weight	92kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

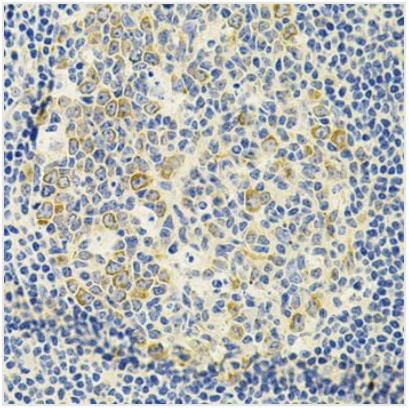
IMAGES



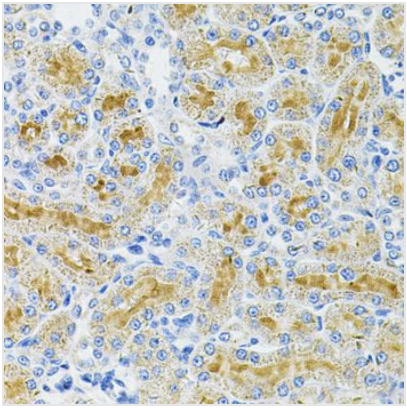
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using DDX20 antibody. Blue: DAPI for nuclear staining.



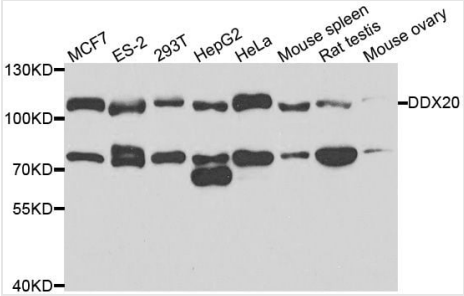
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon using DDX20 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human amygdalitis using DDX20 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded rat kidney using DDX20 Antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using DDX20 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: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-DDX20 antibody	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which has an ATPase activity and is a component of the survival of motor neurons (SMN) complex. This protein interacts directly with SMN, the spinal muscular atrophy gene product, and may play a catalytic role in the function of the SMN complex on RNPs.
Product Categories/Family for anti-DDX20 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643886
NCBI GeneID	11218
UniProt Accession #	Q9UHI6; Q96F72; Q9NVM3; Q9UF59; Q9UIY0; Q9Y659; B4DWV7
Molecular Weight	824
NCBI Official Full Name	Probable ATP-dependent RNA helicase DDX20
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20
NCBI Official Symbol	DDX20
NCBI Official Synonym Symbols	DP103; GEMIN3

NCBI Protein Information	probable ATP-dependent RNA helicase DDX20; gemin-3; DEAD box protein 20; component of gems 3; DEAD-box protein DP103; DEAD box protein DP 103; SMN-interacting protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 20, 103kD
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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/ddx20-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279548