

Rabbit anti-Human WBSCR22 Polyclonal Antibody | anti-WBSCR22 antibody

WBSCR22 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279755	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

WBSCR22; Polyclonal Antibody; WBSCR22 Polyclonal Antibody; WBMT; MERM1; PP3381; HUSSY-3; HASJ4442; anti-WBSCR22 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	281
Applicable Applications for anti-WBSCR22 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human WBSCR22
Calculated Molecular Weight	32kDa
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



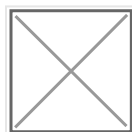
IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using WBSCR22 antibody. Blue: DAPI for nuclear staining.



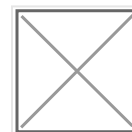
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using WBSCR22 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat spleen using WBSCR22 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using WBSCR22 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-WBSCR22 antibody	This gene encodes a protein containing a nuclear localization signal and an S-adenosyl-L-methionine binding motif typical of methyltransferases, suggesting that the encoded protein may act on DNA methylation. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. Alternatively spliced transcript variants have been found.
Product Categories/Family for anti-WBSCR22 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	23831505
NCBI GeneID	114049
UniProt Accession #	O43709; Q96P12; Q9BQ58; Q9HBP9; A8K501; C9K060
Molecular Weight	281
NCBI Official Full Name	Probable 18S rRNA (guanine-N(7))-methyltransferase
NCBI Official Synonym Full Names	Williams Beuren syndrome chromosome region 22
NCBI Official Symbol	WBSCR22
NCBI Official Synonym Symbols	WBMT; MERM1; PP3381; HUSSY-3; HASJ4442
NCBI Protein Information	probable 18S rRNA (guanine-N(7))-methyltransferase; probable 18S rRNA (guanine-N(7))-methyltransferase; bud site selection protein 23 homolog; metastasis-related methyltransferase 1; ribosome biogenesis methyltransferase WBSCR22; Williams-Beuren syndrome chromosomal region 22 protein; Williams-Beuren candidate region putative methyltransferase
UniProt Protein Name	Probable 18S rRNA (guanine-N(7))-methyltransferase
UniProt Gene Name	WBSCR22
UniProt Synonym Gene Names	MERM1
UniProt Entry Name	WBS22_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.