

Rabbit anti-Human, mouse SOD2 Polyclonal Antibody | anti-SOD2 antibody

SOD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229537	Rabbit	Human, mouse	Immunohistochemistry, Western Blot, ELISA

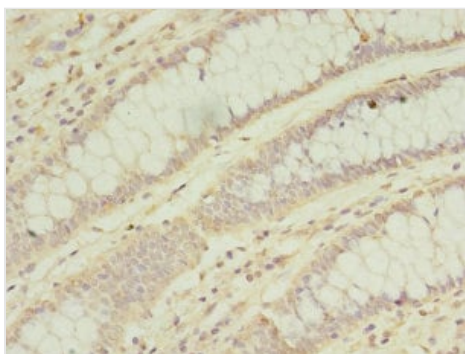
PRODUCT SYNONYMS

SOD2; Polyclonal Antibody; SOD2 Antibody; Superoxide dismutase [Mn]; mitochondrial; anti-SOD2 antibody

PRODUCT SPECIFICATIONS

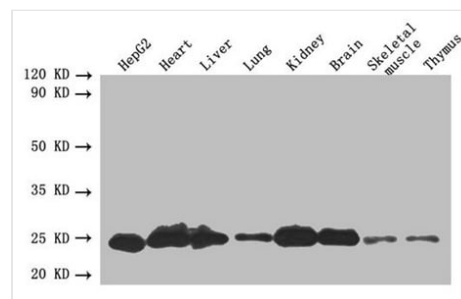
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	222
Applicable Applications for anti-SOD2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Superoxide dismutase [Mn], mitochondrial protrin (64-175AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-18503 / sc-18504 / sc-30080
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



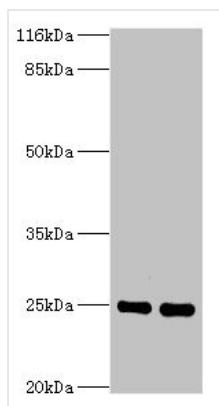
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA229537 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: SOD2 antibody at 4 ug/mL Lane 1: HepG-2 whole cell lysate Lane 2: Mouse heart tissue Lane 3: Mouse liver tissue Lane 4: Mouse lung tissue Lane 5: Mouse kidney tissue Lane 6: Mouse brain tissue Lane 7: Mouse skeletal muscle tissue Lane 8: Mouse thymus tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 25,21,19,20 kDa Observed band size: 24 kDa



WB (Western Blot)

Western blotAll lanes: SOD2 antibody at 2ug/mL
Lane 1:Hela whole cell lysateLane 2:mouse liver tissue
SecondaryGoat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 25,21,19,20 kDa
Observed band size: 25 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SOD2 antibody

Destroys superoxide anion radicals which are normally produced within the cells and which are toxic to biological systems.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782305
NCBI GeneID	6648
NCBI Accession #	NP_000627.2
NCBI GenBank Nucleotide #	NM_000636.2
UniProt Accession #	P04179; P78434; Q16792; Q5TCM1; Q96EE6; Q9P2Z3; B2R7R1; B3KUK2; B4DL20; B4E3K9; E1P5A9
Molecular Weight	19,730 Da
NCBI Official Full Name	superoxide dismutase
NCBI Official Synonym Full Names	superoxide dismutase 2, mitochondrial
NCBI Official Symbol	SOD2
NCBI Official Synonym Symbols	IPOB; MNSOD; MVCD6
NCBI Protein Information	superoxide dismutase [Mn], mitochondrial
UniProt Protein Name	Superoxide dismutase [Mn], mitochondrial
UniProt Gene Name	SOD2
UniProt Entry Name	SODM_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/sod2-antibody-immunohistochemistry-western-blot-elisa/229537>