

Anti-IDH2 antibody (193-452) (STJ29270)

STJ29270

GENERAL INFORMATION

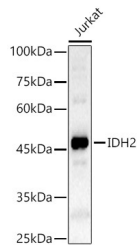
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/IP/ELISA/ChIP
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

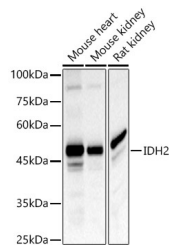
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200 IF/ICC:1:20-1:50 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific application.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

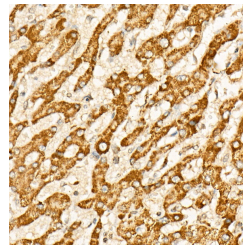
Gene ID	3418
Gene Symbol	IDH2
Uniprot ID	IDHP_HUMAN
Immunogen	
Immunogen Region	193-452
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 193-452 of human IDH2 (NP_002159.2).
Immunogen Sequence	KMVFTPKDGSGVKEWEVYNF PAGGVGMGMYNTDESISGFA HSCFQYAIQKKWPLYMSTKN TILKAYDGRFKDIFQEIFDK HYKTDFFDKNKIWEYHRLIDD MVAQVLKSSGGFWACKNYD GDVQSDILAQGGFSLGLMSTS VLVCPCDGKTIKIEAAHGTVT RHYREHQKGRPTSTNPIASI FAWTRGLEHRGKLDGNQDLI RFAQMLEKVCVETVESGAMT KDLAGCIHGLSNVKNLEHF



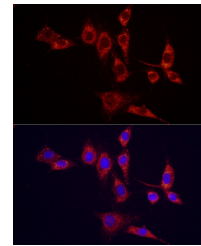
Western blot analysis of Jurkat, using IDH2 antibody (STJ29270) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of various lysates, using IDH2 antibody (STJ29270) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using IDH2 rabbit polyclonal antibody (STJ29270) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6, 0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of NIH3T3 cells using IDH2 rabbit polyclonal antibody (STJ29270) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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