

Anti-HDAC2 antibody (390-488) (STJ23929)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

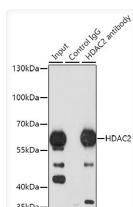
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 55kDa Observed Mw: 60kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

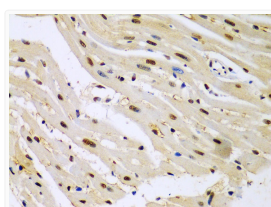
Gene ID	3066
Gene Symbol	HDAC2
UniProt ID	HDAC2_HUMAN
Immunogen Region	390-488
Immunogen Sequence	VHEDSGDEDGEDPDKRISIR ASDKRIACDEEFSDSEDEGE GGRRNVADHKKGAKKARIEE DKKETEDKKTVDKKEEDKSKD NSGEKTDTKGKSEQLSNP
Specificity	A synthetic peptide corresponding to a sequence within amino acids 390-488 of human HDAC2 (NP_001518.3).

ADDITIONAL INFORMATION

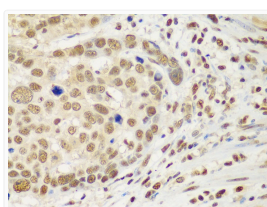
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



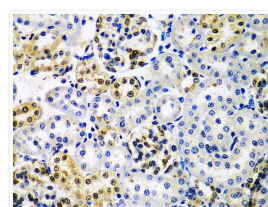
Immunoprecipitation analysis of 200 Mu g extracts of K562 cells using 1 Mu g HDAC2 antibody (STJ23929). Western blot was performed from the immunoprecipitate using HDAC2 antibody (STJ23929) at a dilution of 1:1000.



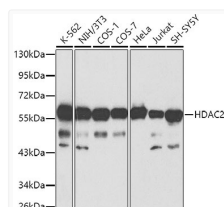
Immunohistochemistry analysis of HDAC2 in paraffin-embedded mouse heart using HDAC2 Rabbit polyclonal antibody (STJ23929) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HDAC2 in paraffin-embedded human esophageal cancer using HDAC2 Rabbit polyclonal antibody (STJ23929) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HDAC2 in paraffin-embedded rat kidney using HDAC2 Rabbit polyclonal antibody (STJ23929) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using HDAC2 Rabbit polyclonal antibody (STJ23929) at 1:1000 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% nonfat dry milk in TBST.