

Anti-DCN antibody (31-359) (STJ23345)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

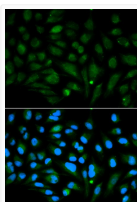
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 40kDa Observed Mw: 45kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

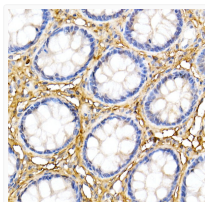
Gene ID	1634
Gene Symbol	DCN
UniProt ID	PGS2_HUMAN
Immunogen Region	31-359
Immunogen Sequence	DEASGIGPEVPDDRDFEPL GPVCPFRQCQCHLRVVCSDL GLDKVPKDLPPDTTLLDLQN NKITEIKDGFKNLKNLHAL ILVNNKISKVSPGAFTPLVK LERLYLSKNQLKELPEKMPK TLQELRAHENEITKVRKVTF NGLNQMVIELGTNPLKSSG IENGAFQGMKKLSYIRIADT NITSIPQGLPPSLTELHLDG NKISRVDAASLKGLNNLAKL GLSFNSISAVDNGSLANTP
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 31-359 of Decorin (NP_001911.1).

ADDITIONAL INFORMATION

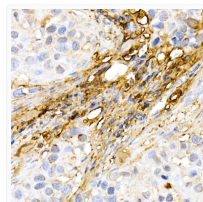
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



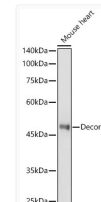
Immunofluorescence analysis of MCF-7 cells using Decorin Rabbit polyclonal antibody (STJ23345). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



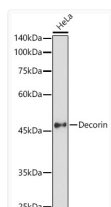
Immunohistochemistry analysis of Decorin in paraffin-embedded human colon using Decorin Rabbit polyclonal antibody (STJ23345) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Decorin in paraffin-embedded human breast cancer using Decorin Rabbit polyclonal antibody (STJ23345) 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.



Western blot analysis of lysates from Mouse heart, using Decorin Rabbit polyclonal antibody (STJ23345) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of lysates from HeLa cells, using Decorin Rabbit polyclonal antibody (STJ23345) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.