

Anti-NDRG1 antibody (295-394) [S6MR] (STJ11101986)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

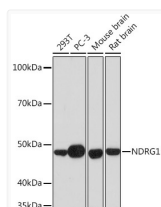
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 43kDa Observed Mw: 48kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

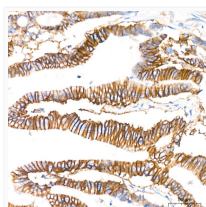
Gene ID	10397
Gene Symbol	NDRG1
UniProt ID	NDRG1_HUMAN
Immunogen Region	295-394
Immunogen Sequence	ISQPAKLAEAFKYFVQGMGY MPSASMTRLMRSRTASGSSV TSLDGTRSRSHSTSEGTRSRSH HTSEGTRSRSHSTSEGAHLDI TPNSGAAGNSAGPKSMEVSC
Specificity	A synthetic peptide corresponding to a sequence within amino acids 295-394 of human NDRG1 (Q92597).

ADDITIONAL INFORMATION

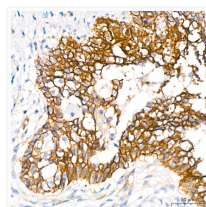
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



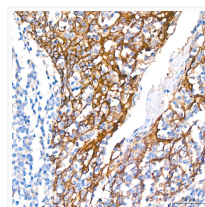
Western blot analysis of extracts of various cell lines, using NDRG1 rabbit monoclonal antibody (STJ11101986) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



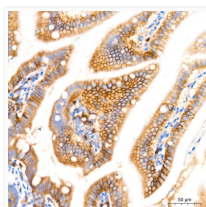
Immunohistochemistry analysis of NDRG1 in paraffin-embedded human colon carcinoma tissue using NDRG1 rabbit monoclonal antibody (STJ11101986) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



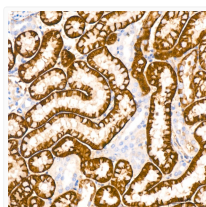
Immunohistochemistry analysis of NDRG1 in paraffin-embedded human lung squamous carcinoma tissue using NDRG1 rabbit monoclonal antibody (STJ11101986) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



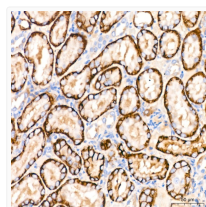
Immunohistochemistry analysis of NDRG1 in paraffin-embedded human tonsil tissue using NDRG1 rabbit monoclonal antibody (STJ11101986) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of NDRG1 in paraffin-embedded mouse colon tissue using NDRG1 rabbit monoclonal antibody (STJ11101986) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of NDRG1 in paraffin-embedded mouse kidney tissue using NDRG1 rabbit monoclonal antibody (STJ11101986) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of NDRG1 in paraffin-embedded rat kidney tissue using NDRG1 rabbit monoclonal antibody (STJ11101986) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.