

Anti-LCN2 antibody (21-198) (STJ24381)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

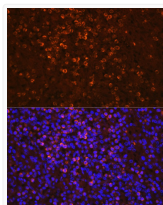
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 23kDa Observed Mw: 20kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

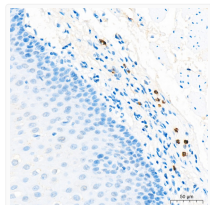
Gene ID	3934
Gene Symbol	LCN2
UniProt ID	NGAL_HUMAN
Immunogen Region	21-198
Immunogen Sequence	QDSTDLPAPPLSKVPLQQ NFQDNQFGKQWYVVLGNA ILREDKDPQKMYATIYELKE DKSYNVTSLVFRKKKCDYWI RTFVPGCQPGFTLGNIKSYPGLTSYLVRVSTNYNQHAM VFFKKVSONREYFKITLYGR TKELTSELKENFIRFSKSLG LPENHIVFPVPIDQCIDG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 21-198 of human Lipocalin-2/NGAL (NP_005555.2).

ADDITIONAL INFORMATION

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



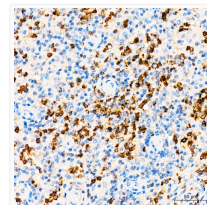
Immunofluorescence analysis of paraffin-embedded human spleen using Lipocalin-2/NGAL Rabbit polyclonal antibody (STJ24381) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



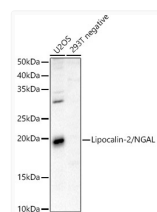
Immunohistochemistry analysis of Lipocalin-2/NGAL in paraffin-embedded human esophagus tissue using Lipocalin-2/NGAL Rabbit polyclonal antibody (STJ24381) at a dilution of 1:900 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Lipocalin-2/NGAL in paraffin-embedded human lung tissue using Lipocalin-2/NGAL Rabbit polyclonal antibody (STJ24381) at a dilution of 1:900 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Lipocalin-2/NGAL in paraffin-embedded human spleen tissue using Lipocalin-2/NGAL Rabbit polyclonal antibody (STJ24381) at a dilution of 1:900 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Western blot analysis of various lysates using Lipocalin-2/NGAL Rabbit polyclonal antibody (STJ24381) at 1:500 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% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.