

Anti-NOX1 antibody (Internal) (STJ72449)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB
Host / Source	Goat
Reactivity	Human

PRODUCT PROPERTIES

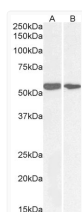
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 70-72kDa band observed in lysates of cell lines A549, CaCo-2, HeLa and U937, (calculated MW of 64.9kDa according to NP_008983.2;). This molecular weight is routinely observed by
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

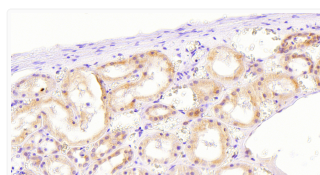
Gene ID	27035
Gene Symbol	NOX1
UniProt ID	NOX1_HUMAN
Immunogen Region	Internal
Immunogen Sequence	DKATDIVTGLKQK
Specificity	This antibody is expected to recognize both reported isoforms (NP_008983.2; NP_39249.1).

ADDITIONAL INFORMATION

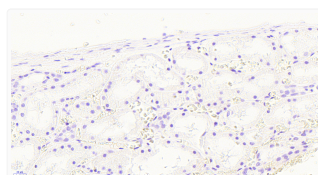
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ72449 (0.1 µg/ml) staining of lysate of cell line colorectal adenocarcinoma (A) and HeLa (B) (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72449 (7.5 µg/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



STJ72449 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.