

Anti-APE1/APEX1 antibody (N-Term) (STJ70133)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IHC
Host / Source	Goat
Reactivity	Human/Dog/Pig/Cow

PRODUCT PROPERTIES

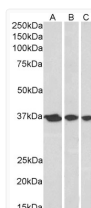
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:16000. WB: Approx 37kDa band observed in nuclear lysates of cell lines A431, HeLa and MCF7 (calculated MW of 35.6kDa according to NP_001632.2, NP_542379.1 and NP_542380.1). Recommended concentrat
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

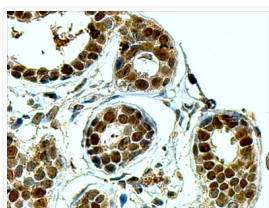
Gene ID	328
Gene Symbol	APEX1
UniProt ID	APEX1_HUMAN
Immunogen Region	N-Term
Immunogen Sequence	PKRGKKGAVAEDGD
Specificity	Reported variants represent identical protein (NP_001632.2; NP_542379.1; NP_542380.1).

ADDITIONAL INFORMATION

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



STJ70133 (0.3 µg/ml) staining of A431 (A), HeLa (B) and MCF7 (C) nuclear lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



STJ70133 (4 µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.