

Anti-UBE3A antibody (300-590) (STJ29866)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

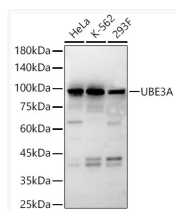
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 101kDa Observed Mw: 100kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

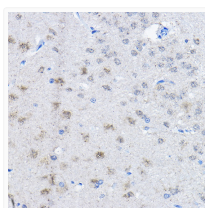
Gene ID	7337
Gene Symbol	UBE3A
UniProt ID	UBE3A_HUMAN
Immunogen Region	300-590
Immunogen Sequence	KLIRLWSKYNADQIRRMET FQQLITYKVISNEFNSRNLV NDDDAIVAASKCLKMYYAN VVGGEVDTNHNEEDDEEPI ESSELTQELLGEERRNKKG PRVDPLETELGVKTLDCRKP LIPFEEFINEPLNEVLEMDK DYTFFKVETENKFSFMTCPF ILNAVTKNLGLYYDNRIRMY SERRITVLSLVQGQQLNPY LRLKVRRDHIIIDALVRLEM IAMENPADLKKQLYVEFEG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 300-590 of human UBE3A (NP_570853.1).

ADDITIONAL INFORMATION

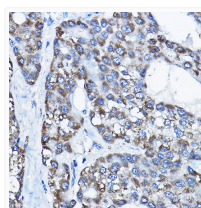
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



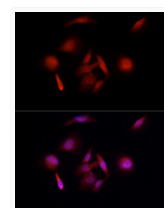
Western blot analysis of various lysates, using UBE3A antibody (STJ29866) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded rat brain using UBE3A rabbit polyclonal antibody (STJ29866) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using UBE3A rabbit polyclonal antibody (STJ29866) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of HeLa cells using UBE3A rabbit polyclonal antibody (STJ29866) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.