

Anti-E2F6 antibody (1-281) (STJ116186)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/IP/ELISA/ChIP
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

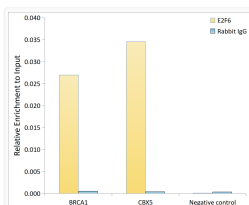
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize 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: 32kDa Observed Mw: 35kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

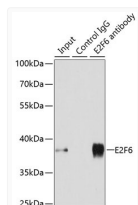
Gene ID	1876
Gene Symbol	E2F6
UniProt ID	E2F6_HUMAN
Immunogen Region	1-281
Immunogen Sequence	MSQQRPAKLPKSLLLDPTEE TVRRRCRDPINVEGLLPSKI RINLEDNVQYVSMRKALKVK RPRFDVSLVYLTRKFMDLVR SAPGGILDNLKVATKLGVRK RRVYDITNVLDGIDLVEKKS KNHIRWIGSDLSNFGAVPQQ KKLQEELSDLSAMEDALDEL IKDCAQQLFELTDDKENERL AYVTYQDIHSIQAFHEQIVI AVKAPAETRLDVPAPREDSI TVHIRSTNGPIDVYLCEVE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-281 of human E2F6 (NP_937987.2).

ADDITIONAL INFORMATION

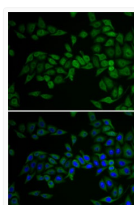
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



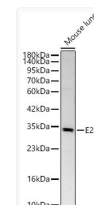
Chromatin immunoprecipitation analysis of extracts of 293T cells, using E2F6 antibody (STJ116186) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Immunoprecipitation analysis of 200 Mu g extracts of MCF-7 cells using 3 Mu g E2F6 antibody (STJ116186). Western blot was performed from the immunoprecipitate using E2F6 antibody (STJ116186) at a dilution of 1:500.



Immunofluorescence analysis of U2OS cells using E2F6 Rabbit polyclonal antibody (STJ116186). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from Mouse lung using E2F6 Rabbit polyclonal antibody (STJ116186) at 1:1000 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% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time:180s.