Rabbit anti-Human E2F6 Monoclonal Antibody | anti-E2F6 antibody

E2F6 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282628	**Rabbit**	**Human**	**Chromatin Immunoprecipitation, Immunoprecipitation, ELISA, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

E2F6; Monoclonal Antibody; E2F6 Rabbit mAb; E2F-6; anti-E2F6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LDGIDLVEKK SKNHIRWIGS DLSNFGAVPQ QKKLQEELSD LSAMEDALDE LIKDCAQQLF ELTDDKENER LAYVTYQDIH SIQAFHEQIV IAVKAPAETR LDVPAPREDS ITVHIRSTNG PIDVYLCEVE QGQTSNKRSE GVGTSSSEST HPEGPEEEEN PQQSEELLEV SN
Applicable Applications for anti-E2F6 antibody	ChIP (Chromatin immunoprecipitation), ELISA, IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 110-281 of human E2F6 (NP_937987.2)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

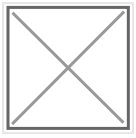
IMAGES



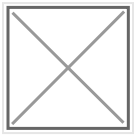
ChIP (Chromatin Immunoprecipitation)
Chromatin immunoprecipitation analysis of extracts of 293T cells, using E2F6 antibody (AAA282628) and rabbit IgG.The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



IP (Immunoprecipitation)
Immunoprecipitation analysis of 300 ug extracts of 293T cells using 3 ug E2F6 antibody (AAA282628). Western blot was performed from the immunoprecipitate using E2F6 antibody (AAA282628) at a dilution of 1:1000.



WB (Western Blot)
Western blot analysis of various lysates using E2F6 Rabbit mAb (AAA282628) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.



Application Data
CUT&Tag was performed using the CUT&Tag Assay Kit (pAG-Tn5) for Illumina(RK20265) from 10? K562 cells with 1 ug E2F6 Rabbit mAb (AAA282628), along with a Goat Anti-Rabbit IgG(H+L). The CUT&Tag results indicate the enrichment pattern of E2F6 in representative gene loci (BRCA1), as shown in figure.

ADDITIONAL INFORMATION

Related Product Information for anti-E2F6 antibody	This gene encodes a member of a family of transcription factors that play a crucial role in the control of the cell cycle. The protein encoded by this gene lacks the transactivation and tumor suppressor protein association domains found in other family members, and contains a modular suppression domain that functions in the inhibition of transcription. It interacts in a complex with chromatin modifying factors. There are pseudogenes for this gene on chromosomes 22 and X. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-E2F6 antibody	Epigenetics Nuclear Signaling; Transcription Factors; Signal Transduction; ErbB-HER Signaling Pathway; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	109637795
NCBI GeneID	1876
NCBI Accession #	NP_937987.2
NCBI GenBank Nucleotide #	NM_198256.3
UniProt Accession #	O75461; O60544; Q53QY9; Q7Z2H6; A8K2Z8
Molecular Weight	Calculated MW: 32kDa Observed MW: 36kDa
UniProt Protein Name	Transcription factor E2F6
UniProt Gene Name	**E2F6**
UniProt Synonym Gene Names	E2F-6
UniProt Entry Name	E2F6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/e2f6-antibody-chromatin-immunoprecipitation-immunoprecipitation-western-blot-elisa/282628