

Anti-CDK12 antibody (1-300) (STJ117094)
STJ117094

GENERAL INFORMATION

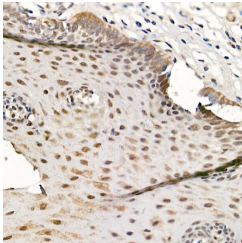
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

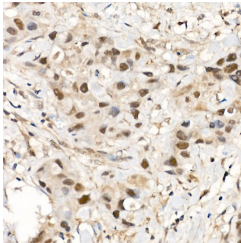
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:100-1:500 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

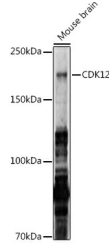
Gene ID	51755
Gene Symbol	CDK12
Uniprot ID	CDK12_HUMAN
Immunogen	
Immunogen Region	1-300
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human CDK12 (NP_057591.2).
Immunogen Sequence	MPNSERHGGKKDGGSGGASGT LQPSSGGGSSNSRERHRLVS KHKRHKS KHSKDMGLVTPEA ASLGTVIKPLVEYDDISSDS DTFSDDMAFKLDRRENDERR GSDRSDDLHKHRRHQHRRSR DLLKAKQTEKEKSQEVSSKS GSMKDRISGSSKRSNEETDD YGKAQVAKSSSKESRSSKLH KEKTRKERELKSGHKDRSKS HRKRETPKSYKTVDSPKRRS RSPHRKWSOSSKQDDSPSG



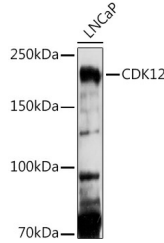
Immunohistochemistry analysis of paraffin-embedded human esophagus using CDK12 Rabbit polyclonal antibody (STJ117094) at dilution of 1:500 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using CDK12 Rabbit polyclonal antibody (STJ117094) at dilution of 1:500 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of Mouse brain, using CDK12 antibody (STJ117094) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) 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: 90s.



Western blot analysis of extracts of LNCaP cells, using CDK12 antibody (STJ117094) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) 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: 90s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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