

Datasheet for ABIN6286526

anti-TCP1 alpha/CCTA antibody (C-Term)



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Overview

Quantity:	50 µL
Target:	TCP1 alpha/CCTA (TCP1)
Binding Specificity:	AA 600-680, C-Term
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCP1 alpha/CCTA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	P63 is a protein encoded by the TP63 gene which is approximately 76,8 kDa. P63 is localised to the nucleus and is involved in the regulation of transcription of cell death genes, activation of BH3-only proteins, regulation of TP53 activity and gene expression. This protein falls under the p53 family of transcription factors. p63 acts as a sequence specific DNA binding transcriptional activator or repressor. By interacting with TP73/p73 it may also be required for initiation of p53/TP53 dependent apoptosis in response to genotoxic insults and the presence of activated oncogenes. It is expressed in the skin, muscle, blood and lungs. Mutations in the TP63 gene can result in ectrodactyly and Rap-Hodgkin syndrome. STJ94912 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of p63 protein.
Immunogen:	Synthesized peptide derived from human p63

Product Details

Isotype:	IgG
Specificity:	P63 Polyclonal Antibody detects endogenous levels of p63 protein.
Characteristics:	Rabbit polyclonal to p63.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	TCP1 alpha/CCTA (TCP1)
Alternative Name:	p63 (TCP1 Products)
Molecular Weight:	77 kDa
Gene ID:	8626
UniProt:	Q9H3D4

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000
Comment:	Widely expressed, notably in heart, kidney, placenta, prostate, skeletal muscle, testis and thymus, although the precise isoform varies according to tissue type. Progenitor cell layers of skin, breast, eye and prostate express high levels of DeltaN-type isoforms. Isoform 10 is predominantly expressed in skin squamous cell carcinomas, but not in normal skin tissues.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.