

Datasheet for ABIN2666087

anti-KAP1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	KAP1 (TRIM28)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Biochemical Assay (BCA)

Product Details

Clone:	20A1
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	KAP1 (TRIM28)
Alternative Name:	TIF1beta KAP-1 (TRIM28 Products)
Background:	TIFβ (transcription intermediary factor 1-beta) is an 88 kD member of the tripartite motif family. This protein contains three zinc binding domains, a RING domain, a B-box type 1 and type 2 domain, and a coiled-coil region. TIFβ is found in the nucleus and associates with specific chromatin regions. This protein forms a complex with KRAB-domain transcription factors and recruits setdb1 to histone 3 to increase KRAB-mediated transcriptional repression. TIF1β has been reported to interact with setdb1 and cbx3 proteins. Studies using knockout mice reveal the

Target Details

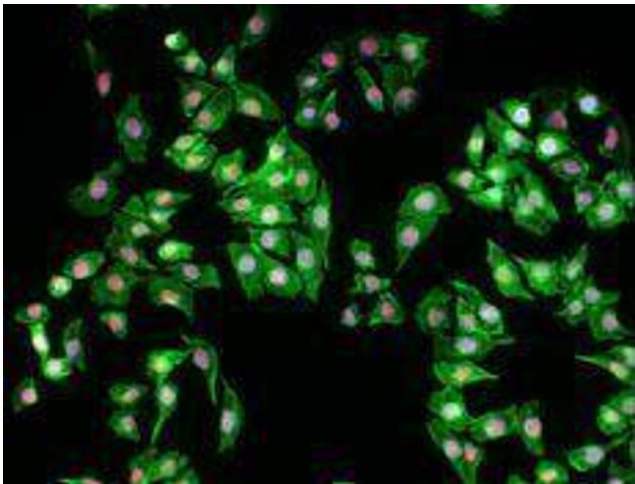
important function of TIF1 β in regulating genomic imprinting, T cell activation, and T cell tolerance.

Pathways: [Hedgehog Signaling](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

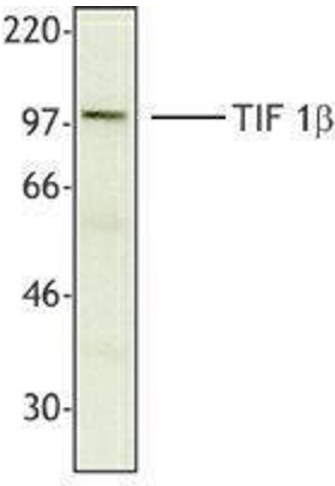
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Concentration:	0.5 mg/mL
Buffer:	phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide at 0.5 mg/mL.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Upon receipt, store between 2°C and 8°C.

Images



Immunofluorescence

Image 1.



Western Blotting

Image 2.