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Anti-KAP1 Rabbit mAb [25H84]

Catalog No.: A52343

Basic Information

Catalog No. (Cat.No.)	A52343
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	KAP1,AML12,COACH1,SKI-80,AML12 protein

Product Information

Target	KAP1
Molecular Weight(Calculated)	89 kDa
Molecular Weight(Observed)	110 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	25H84
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	KRAB-associated protein-1
Gene Name	*TRIM28*
Domain	NA
Background	TRIM28 (KAP1, KRAB-associated protein 1) is co-repressor for KRAB-zinc-finger proteins, mediating epigenetic silencing, DNA-damage response and retrotransposon repression. Acting as molecular scaffold, KAP1 recruits HDAC, SETDB1 and other epigenetic effector complexes to deposit repressive H3K9me3 marks, driving heterochromatin assembly and silencing endogenous retroviruses (ERV). KAP1 phosphorylation relieves its repressive activity.