

Immunotag™ HAT Antibody

Antibody Specification	
Catalog No.	ITA0206
Product Description	Immunotag™ HAT Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	HAT
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB: 1:500~1:3000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human HAT
Specificity	HAT antibody detects endogenous levels of total HAT
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	HAT1
Accession No.	O14929
Alternate Names	HAT 1; hat1; HAT1_HUMAN; Histidine aminotransferase 1; Histone acetyltransferase 1; Histone acetyltransferase 1; Histone acetyltransferase type B catalytic subunit; KAT1;

Antibody Specification

Description	Acetylates soluble but not nucleosomal histone H4 at 'Lys-5' (H4K5ac) and 'Lys-12' (H4K12ac) and, to a lesser extent, acetylates histone H2A at 'Lys-5' (H2AK5ac). Has intrinsic substrate specificity that modifies lysine in recognition sequence GXGKXG. May be involved in nucleosome assembly during DNA replication and repair as part of the histone H3.1 and H3.3 complexes. May play a role in DNA repair in response to free radical damage.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	49kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.