



Rabbit Anti-Human EHMT2 monoclonal antibody, clone C.244.0 (CABT-L1283)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is not cross-reactive with other histone methyltransferases, including GLP.
Target	EHMT2
Immunogen	Synthetic peptide corresponding to the carboxy terminus of the human G9a/EHMT2 protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Bovine, Horse, Human, Mouse, Non-human primate, Pig, Rat
Clone	C.244.0
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction

A cluster of genes, BAT1-BAT5, has been localized in the vicinity of the genes for TNF alpha and TNF beta. This gene is found near this cluster; it was mapped near the gene for C2 within a 120-kb region that included a HSP70 gene pair. These genes are all within the human major histocompatibility complex class III region. This gene was thought to be two different genes, NG36 and G9a, adjacent to each other but a recent publication shows that there is only a single gene. The protein encoded by this gene is thought to be involved in intracellular protein-protein interaction. There are three alternatively spliced transcript variants of this gene but only two are fully described.

Keywords

EHMT2; euchromatic histone lysine N-methyltransferase
2; G9a; Bat8; NG36; KMT1C; D17Ert710e; histone-lysine N-methyltransferase EHMT2; protein
G9a; H3-K9-HMTase 3

GENE INFORMATION

Entrez Gene ID

[10919](#)

UniProt ID

[Q96KQ7](#)
