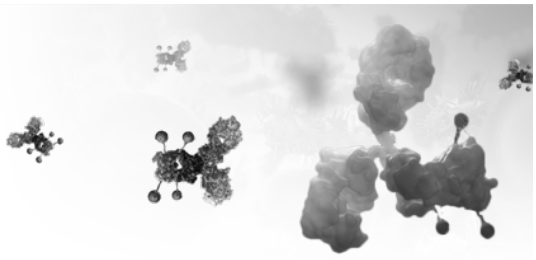

Anti-HTR12 (N-terminal) polyclonal antibody (CABT-BL1877)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide derived from the N terminal domain of Arabidopsis thaliana HTR12
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	ICC, WB
Cellular Localization	Nucleus. Centromere. Kinetochore. Note=Localizes exclusively in the kinetochore domain of centromeres.
Format	Liquid
Size	200 µl
Buffer	Whole serum
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active

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genes. Constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. Deposited at sites of nucleosomal displacement throughout transcribed genes, suggesting that it represents an epigenetic imprint of transcriptionally active chromatin. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

GENE INFORMATION

Entrez Gene ID	839104
Protein Refseq	NP_563627
UniProt ID	Q8RVQ9

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