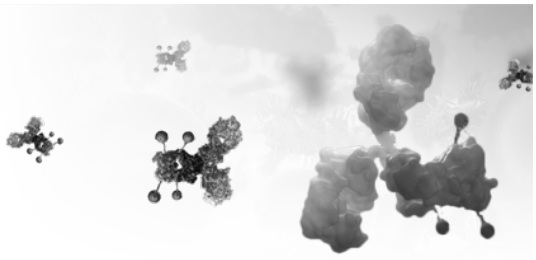

Anti-Tri-methyl Lysine polyclonal antibody (DPAB4052)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Tri-methyl Lysine Polyclonal Antibody, HRP-conjugated
Specificity	Recognizes proteins with trimethylation on lysine residues (N-epsilon)). Does not cross-react with acetylated proteins and mono- and dimethylated proteins. Affinity-purified from the anti-serum against chemically methylated protein antigen. Conjugated to horse radish peroxidase (HRP) via reductive amination.
Immunogen	methylated KLH conjugates
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Conjugate	Unconjugated
Applications	ELISA, WB
Format	PBS with 50% glycerol in HRP stabilizing buffer
Size	100 µg
Preservative	None
Storage	Store the antibody at -20℃. Stable for up to twelve months. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

BACKGROUND

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Introduction	Many proteins are post translationally modified. Modifications such as phosphorylation, glycosylation, ubiquitination and methylation have been shown to play an important role in the development, physiology and disease of animals and plants. Histone lysine methylation is regarded as a very stable modification with important functions in epigenetic gene control and for organizing chromatin domains.
Keywords	2-amino-6-trimethylammonio-hexanoate; N6,N6,N6-Trimethyl-L-lysine; trimethyllysine; (S)-2-Amino-6-(trimethylammonio)hexanoic acid; (S)-5-Amino-5-carboxy-N,N,N-trimethyl-1-pentanaminium; Chebi:17311; epsilon-N-Trimethyl-L-lysine; epsilon-Trimethyl-L-lysine; epsilon-Trimethyllysine; N(6),N(6),N(6)-Trimethyl-L-lysin-N(6)-ium; N(epsilon)-Trimethyllysine

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