

Anti-Mono-methyl-Histone H4 (Lys20) Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Cow,Horse)
Molecular Weight:	Theoretical: 11 kDa. Actual: 14 kDa.
Purification:	Protein A purified

Applications

	Sample: Lane 1: Human MCF-7 cell lysates Lane 2: Human 293T cell lysates
Verified Activity:	Primary: Anti-Histone H4 (mono methyl K20) (TMAB-07138) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 11 kDa Observed band size: 14 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated Synthesised methylpeptide: human Histone H4 around the methylation site of mono methyl K20
Antigen Species:	Human
Gene ID:	121504
Uniprot ID:	P62805

Research Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481