abcam

Product datasheet

Human KMT4 / Dot1L peptide ab71337

1 References 1 Image

Description

Product name Human KMT4 / Dot1L peptide

Purity > 70 % HPLC.

70 - 90% by HPLC

Accession <u>Q8TEK3-1</u>

Animal free No

Nature Synthetic

Species Human

Specifications

Our **Abpromise guarantee** covers the use of **ab71337** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Blocking

Form Liquid

Additional notes - First try to dissolve a small amount of peptide in either water or buffer. The more charged

residues on a peptide, the more soluble it is in aqueous solutions.

- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or

buffer.

- Consider that any solvent used must be compatible with your assay. If a peptide does not

dissolve and you need to recover it, lyophilise to remove the solvent.

- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is

cloudy or has gelled the peptide may be in suspension rather than solubilised.

- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior

to use.

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

Information available upon request.

1

General Info

Function Histone methyltransferase. Methylates 'Lys-79' of histone H3. Nucleosomes are preferred as

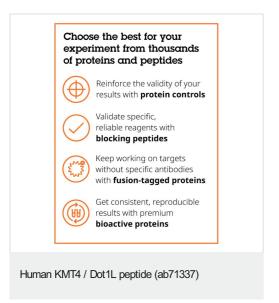
substrate compared to free histones. Binds to DNA.

Sequence similarities Belongs to the class Hike SAM-binding methyltransferase superfamily. DOT1 family.

Contains 1 DOT1 domain.

Cellular localization Nucleus.

Images



To learn more about our protein and peptide range click here.

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