# abcam

# Product datasheet

# Human PON3 peptide ab197546

# 1 Image

**Description** 

Product name Human PON3 peptide

Animal free No

Nature Synthetic
Species Human

Additional sequence information A synthetic peptide corresponding to residues in Human PON3.

### **Specifications**

Our **Abpromise guarantee** covers the use of **ab197546** in the following tested applications.

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

**Applications** Blocking - Blocking peptide for Anti-PON3 antibody [EPR2903(2)] (ab109258)

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. Store at -20°C.

#### **General Info**

**Function** Has low activity towards the organophosphate paraxon and aromatic carboxylic acid esters.

Rapidly hydrolyzes lactones such as statin prodrugs (e.g. lovastatin). Hydrolyzes aromatic

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lactones and 5- or 6-member ring lactones with aliphatic substituents but not simple lactones or

those with polar substituents.

Sequence similarities

Belongs to the paraoxonase family.

Post-translational

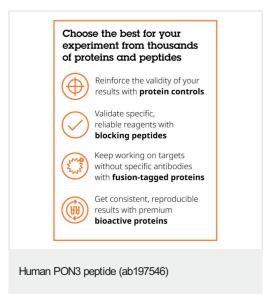
**Cellular localization** 

The signal sequence is not cleaved.

modifications

Secreted > extracellular space.

### **Images**



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

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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