



## Anti-Paraoxonase1 (17A12)

**Background :** The paraoxonase(PON) gene-family in humans has three members, PON1, PON2, and PON3, aligned next to each other on the long arm of chromosome 7q21.3-22.1. PON1 of these is synthesized primarily in the liver and a portion is secreted into the plasma, where it is associated with high density lipoproteins (HDL). And It hydrolyzes the active metabolites of several other organophosphorus insecticides (e.g., chlorpyrifos oxon, diazoxon), as well as nerve agents such as sarin, soman and VX(lethal nerve agent). The PON1 polymorphism may be responsible for neurodegeneration and considered to be an independent risk factor for Parkinson's disease.

**Immunogen :** His-tagged recombinant Human PON1 protein purified *E.coli*

**Host :** Mouse

**Clone number :** 17A12

**Isotype :** IgG1, k

**Size :** 100ul

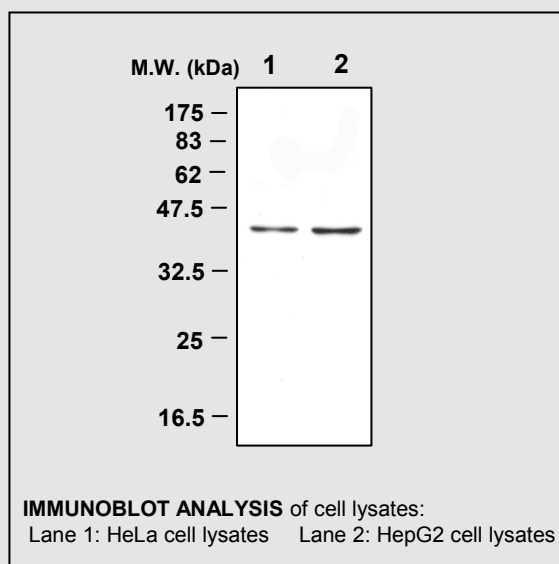
**Composition :** PBS containing 50% glycerol

**Positive control :** HepG2 cell lysates

**Storage :** Store for 1 year at -20°C from date of shipment

### Species cross reactivity

Human	Mouse	Rat
+	+	+



### Applications :

Western Blotting (1:500)

### Background Reference :

- 1) Akhmedova SN, et al. *J Neurol Sci*, 2001, **184** (2):179-82
- 2) Kondo I, et al. *Brain Res*, 1998, **806**(2):271-3

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