



OXFORD BIOMEDICAL RESEARCH

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### *Product specifications*

## Rabbit anti-protein serine/threonine phosphatase $\alpha$

Product # PP 12      Typical Lot

- Description:** Antibody corresponding to a carboxy-terminal peptide of PP1 $\alpha$  catalytic subunit.
- Immunogen:** Purified peptide conjugated to KLH.  
Sequence of peptide NH<sub>2</sub>-Arg-Pro-Ile-Thr-Pro-Pro-Arg-Asn-Ser-Ala-Lys-Ala-Lys-Lys-COOH
- Specificity:** PP1 $\alpha$  (38 kDa)
- Cross-reactivity:** Recognizes the recombinant PP1 $\alpha$ , PP1 $\beta$ , PP1 $\gamma$ 1 and PP1 $\gamma$ 2 isoforms with relative sensitivity of about 100:10:1:10. Primary recognizes PP1 $\alpha$  in mammalian tissue extracts.
- Presentation:** 100  $\mu$ L whole serum containing 0.02% sodium azide.
- Storage:** Store at -20°C., once thawed store at 4°C.  
Avoid repeated freeze-thaw cycles.  
Shelf life: 12 months @ -20°C. 6 months @ 4°C.
- Applications:** Immunoblotting - Recommended dilution 1:250 to 1:500  
May be used in immunoprecipitation techniques.