



**RABBIT ANTI-MOUSE PER 2
AFFINITY PURIFIED
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB5428P	QUANTITY:	50 µg
LOT NUMBER:	XXXXXXX	CONCENTRATION:	1 mg/mL
SPECIFICITY:	Recognizes mouse Per 2. The immunogen shows no significant sequence homology with Per 1 or Per 3.		
IMMUNOGEN:	A 23 amino acid peptide sequence within the C-terminus of mouse Per 2 (1).		
APPLICATIONS:	Western blot: 1-10 µg/mL using ECL. Immunohistochemistry: not tested. It is recommended that the antibody be tried at 2-20 µg/mL. ELISA: 1:10,000-1:100,000 using 50-100 ng of control peptide (Catalog Number AG332) per well. Optimal working dilutions must be determined by the end user.		
SPECIES REACTIVITIES:	Mouse. The immunogen sequence has 77% homology with rat Per2. No significant homology is seen with human Per 2 (2). Reactivity with other species has not been confirmed.		
FORMAT:	Affinity purified immunoglobulin.		
PRESENTATION:	Liquid in buffer: PBS containing 0.1% BSA.		
STORAGE/HANDLING:	Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.		
RELATED REFERENCES:	1) Albretch U et al (1997) <i>Cell</i> 91 :1055-1064; Shearman LP et al (1997) <i>Neuron</i> 19 :1261-1269; Sakamoto K et al (1998) <i>J Biol. Chem.</i> 273 :27039-27342. 2) Nagase T et al (1997) <i>DNA Res.</i> 4 :141-150.		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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