

Product Data Sheet

Anti-SXR Antibody

| Catalog # | Source | Reactivity | Applications |
|--------------------------|--|------------|--------------|
| CQA5281 | Rabbit | H, M, R | WB, IH |
| Description | Rabbit polyclonal antibody to SXR | | |
| Immunogen | KLH-conjugated synthetic peptide of human SXR. The exact sequence is proprietary. | | |
| Purification | The antibody was purified by immunogen affinity chromatography. | | |
| Specificity | Recognizes endogenous levels of SXR protein | | |
| Clonality | Polyclonal | | |
| Conjugation | | | |
| Form | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | |
| Dilution | WB (1/500 - 1/2000), IH (1/50 - 1/200) | | |
| Gene Symbol | NR1I2 | | |
| Alternative Names | PXR; Nuclear receptor subfamily 1 group I member 2; Orphan nuclear receptor PAR1; Orphan nuclear receptor PXR; Pregnane X receptor; Steroid and xenobiotic receptor; SXR | | |
| Entrez Gene | 8856 (Human); 18171 (Mouse); 84385 (Rat) | | |
| SwissProt | O75469 (Human); O54915 (Mouse); Q9R1A7 (Rat) | | |
| Storage/Stability | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. | | |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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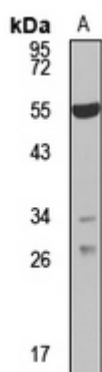
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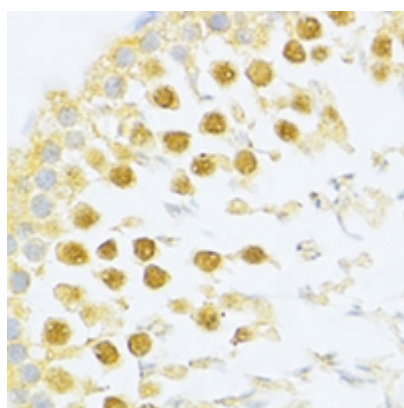
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Western blot analysis of SXR expression in rat liver (A) whole cell lysates. (Predicted band size: 39; 43; 45; 48; 49; 52; 53 kD; Observed band size: 53 kD)



Immunohistochemical analysis of SXR staining in rat testis formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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