



PRODUCT DATA SHEET

Product: Anti-LXR, polyclonal

Cat. No.: PC-402 (100 µg)

Background:

Liver X receptors (LXRs) are oxysterol activated nuclear receptors which are involved in the regulation of genesis and metabolism of cholesterol and bile acids. LXRs form heterodimeric complexes with the retinoic acid receptors (RARs) once activated by their respective oxysterol ligands. Two known isoforms, alpha and beta, are differentially expressed; the alpha isoform is predominantly expressed in liver, whereas the beta isoform has been shown to be expressed ubiquitously.

Specificity:

The antibody detects 64 kDa and 80 kDa proteins representing the alpha and beta subunits of human LXR.

Species Reactivity:

Human. Other species not tested.

Immunogen:

Synthetic peptide surrounding amino acid 435 of human LXR.

Host:

Rabbit

Format:

100 µg (0.5 mg/mL solution) of antigen affinity purified rabbit antibody in PBS, pH 7.2, containing 50% glycerol, 0.02% sodium azide with protein stabilizer.

Storage:

Store at -20°C. For best results, aliquot and store at -70°C to avoid repeat freeze/thaw cycles.

Applications and Suggested Dilutions:

- Western blots: Use at 2-6 µg/mL.

The optimal dilution for a specific application should be determined by the researcher.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.