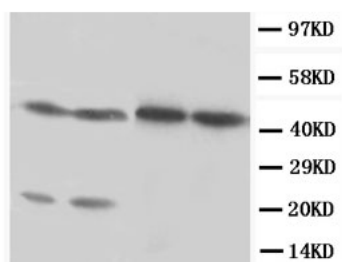


Rabbit polyclonal antibody to rat Oxysterols receptor LXR-alpha (375-398): Affinity purified

Catalogue No.:	R-1339-100
Description:	LXR-alpha is an orphan receptor that belongs to the nuclear hormone receptor family. It is expressed in adult spleen, pituitary, lung, liver and fat (Ref: SWISSPROT).
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (QVERLQHTYVEALHAYVSINHPHD) corresponding to a region (375-398) from the C-terminus of rat Oxysterols receptor LXR-alpha.
Sequence:	QVERLQHTYVEALHAYVSINHPHD
Antibody Type:	Antiserum
Other Names:	Liver X receptor alpha; Nuclear receptor subfamily 1 group H member 3; RLD-1; Nr1h3; Lxra; NR1H3; LXRA;
Accession:	Q62685 NR1H3_RAT;
Produced in:	Rabbit
Applications:	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Rat Oxysterols receptor LXR-alpha protein has a predicted length of 445 amino acids and MW of 51 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Species Against:	Rat
Antibody Against:	Oxysterols receptor LXR-alpha
Cross-reactivity:	Rat; predicted to react with mouse due to sequence homology;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Appearance:	Lyophilized white powder
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase



Western Blot using Rabbit polyclonal antibody to rat Oxysterols receptor LXR-alpha: Lanes 1 and 2: Rat liver tissue lysate Lane 3: MCF-7 Whole cell lysate Lane 4: HeLa Whole cell lysate

FOR RESEARCH USE ONLY