

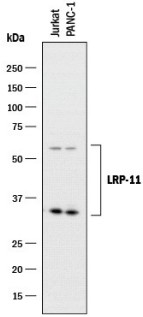
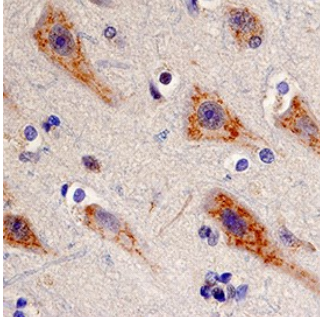
DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human LRP-11 in direct ELISAs and Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human LRP-11 Ala38-Gly450 (Pro92Arg) Accession # Q86VZ4
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	2 µg/mL	See Below
Immunohistochemistry	5-15 µg/mL	See Below

DATA

<p>Western Blot</p> 	<p>Detection of Human LRP-11 by Western Blot. Western blot shows lysates of Jurkat human acute T cell leukemia cell line and PANC-1 human pancreatic carcinoma cell line. PVDF membrane was probed with 2 µg/mL of Sheep Anti-Human LRP-11 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF8355) followed by HRP-conjugated Anti-Sheep IgG Secondary Antibody (Catalog # HAF016). Specific bands were detected for LRP-11 at approximately 60 and 35 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.</p>	<p>Immunohistochemistry</p>  <p>LRP-11 in Human Brain. LRP-11 was detected in immersion fixed paraffin-embedded sections of human brain (cortex) using Sheep Anti-Human LRP-11 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF8355) at 0.3 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Sheep HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS019) and counterstained with hematoxylin (blue). Specific staining was localized to neurons. View our protocol for Chromogenic IHC Staining of Paraffin-embedded Tissue Sections.</p>
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PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

LRP11 (Low-density lipoprotein receptor-related protein 11) is a 500 amino acid single-pass type I membrane glycoprotein that exists as 2 alternatively spliced isoforms with predicted molecular weights of 53 and 25 kDa, observed 60 and 35 kDa respectively. LRP11 is a novel member of the LDLR family of proteins. Over aa 38-450, human LRP11 shares 67% aa identity with mouse LRP11.