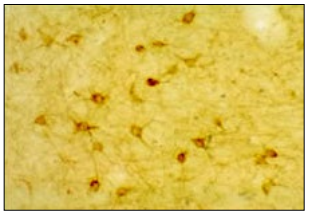
IMMUNOSTAR
Antibodies that Shine



IHC image of enteroendocrine cells in the intestinal epithelium.

Glucagon-like Protein Receptor (GLP2R) Antibody

Catalog #	**24200**	**Product type**	Primary antibodies
Lot #	**1539001L**	**Clonality**	Polyclonal
Form	Liquid (100 µL)	**Isotype**	IgG
Host	Rabbit	**Preservative**	≤ 0.05% sodium azide
Reacts With	Rat	**Antigen**	Glucagon-like peptide 2 receptor (GLP2R) for acetyl 65-88 amide sequence targeting rat and human proteins, but not mouse. The peptide was synthesized and cross-linked to keyhole limpet hemocyanin via sulfolink coupling.

INSTRUCTIONS

Preparation	The antiserum is provided as 100 µL of affinity purified serum in PBS (0.02M sodium phosphate with 0.15 M sodium chloride, ph 7.5) with 1% BSA. Reconstitution is not required. Recommend briefly spinning tube (30 sec. 200xg) to collect contents at bottom of tube. Refer to the Instruction Manual available online at www.immunostar.com for information on tissue preparation, immunostaining techniques, troubleshooting, and formulas.

APPLICATION

Quality Control	The ImmunoStar GLP2 receptor antibody was quality control tested using standard immunohistochemical methods. The antiserum demonstrates significant labeling of enteroendocrine cells in the intestinal epithelium, as well as cell bodies of vagal afferents in nodose ganglia of the parasympathetic nervous system. Labeling is effective using indirect immunofluorescent and biotin/avidin-HRP techniques. The addition of intensifying reagents such as tyramide amplification or nickel ammonium sulfate to the chromogen solution will approximately double the dilution factor as recommended. Immunolabeling of western blot revealed a band of approximately 66 kDa in human and rat tissue, but not mouse. Due to the difficulty with receptor antibodies, western blot applications are not warranted and are included as specificity information only.
Tissue	Rat and Human intestinal epithelium and nodose ganglia.
Perfusion Fixation	• Fixative: 4% paraformaldehyde in 0.1M phosphate buffer, pH 7.4; 500 mL over 20 min. • Post Fixation: 1.5 hour at 4°C in 4% paraformaldehyde in 0.1M phosphate buffer, pH 7.4.
Sections	50 µm vibratome
Tissue Incubation	48 hours at 2°–8° C
Detection System	Use Bn/Av-HRP at dilutions recommended by the manufacturer.
Suggested Dilution	1/800-1/1000 in PBS/0.3% Triton X-100 – Bn/Av-HRP immunohistochemistry

NOTES

Special Instructions	It is recommended that the researcher perform a primary antibody dilution series using our dilution recommendations as a guideline. Note that a change in the fixation or buffering system from our protocol may change the configuration of the protein which could alter the reactivity with the tissue tested.
Storage	Store at 2 º–8ºC until expiration date.
Concentration	300 µg/ml
Journal References	www.immunostar.com/publications

RRID:AB_572211