

Product Datasheet

PTGFR Antibody - BSA Free

NBP2-89045

Unit Size: 50 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-89045

PTGFR Antibody - BSA Free

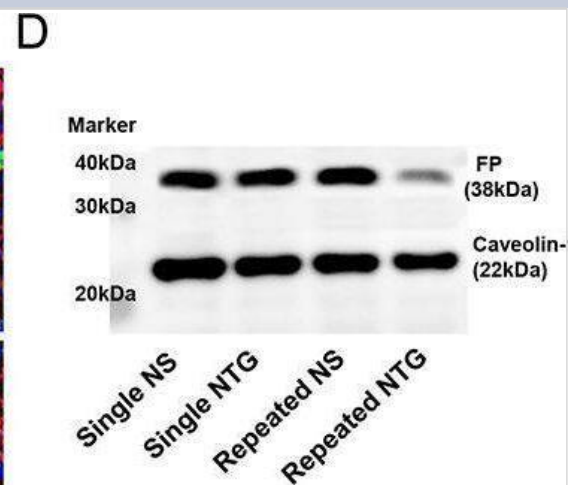
Product Information	
Unit Size	50 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Purity	Peptide affinity purified
Buffer	PBS containing 50% glycerol

Product Description	
Host	Rabbit
Gene ID	5737
Gene Symbol	PTGFR
Species	Mouse, Rat
Immunogen	Synthetic peptide corresponding to the sequence near the N-terminus of rat PTGFR.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry

Images

Compromised PGF2 α signaling in PVN OXT neurons of repeated NTG-induced chronic migraine mice. A Quantification of PGF2 α level in PVN after NTG or vehicle injections. B and C RNAScope and immunofluorescent co-staining showing the expression of PTGFR mRNA in PVN OXT neurons, scale bar = 50 μ m. D and E Western blot showing the expression of FP in PVN after NTG or vehicle injections. The data are presented as the mean \pm SEM. **P < 0.01, vs. Single NS group; ###P < 0.01, vs. Repeated NS group; &&P < 0.01, vs. Single NTG group. Bonferroni post-hoc test after One way ANOVA, n = 8 (A: F3,28=52.905, P < 0.001, eta-sq = 0.850, 95%CI 0.700-0.893; B: F3,28=25.591, P < 0.001, eta-sq = 0.733, 95%CI 0.491-0.809; E: F3,28=19.744, P < 0.001, eta-sq = 0.679, 95%CI 0.405-0.770) Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/40770605>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.

**Publications**

Hu X, Wu L, Wang L et al. Compromised PGF2 α signaling in the paraventricular hypothalamic nucleus contributes to the central sensitization of the nitroglycerin-induced chronic migraine in male mice The Journal of Headache and Pain 2025-08-06 [PMID: 40770605]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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