BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-PENK Antibody

Catalog Number: M07495

About PENK

Met- and Leu-enkephalins compete with and mimic the effects of opiate drugs. They play a role in a number of physiologic functions, including pain perception and responses to stress. PENK(114-133) and PENK(237-258) increase glutamate release in the striatum. PENK(114-133) decreases GABA concentration in the striatum.

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Overview

Product Name	Anti-PENK Antibody
Reactive Species	Human
Description	Boster Bio Anti-PENK Antibody (Catalog # M07495). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 2181CT109.65.83
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P01210

Technical Details

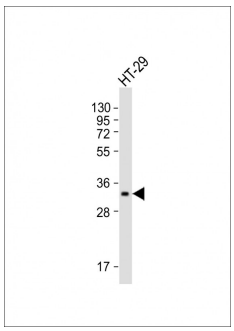
Immunogen	This PENK antibody is generated from a mouse immunized with a recombinant protein from the human region of human PENK.
Predicted Reactive Species	Human
Isotype	IgG1,kappa
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.

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Suggested Dilutions	WB: 1:2000

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Anti-PENK Antibody (M07495) Images



Anti-PENK Antibody at 1:2000 dilution + HT-29 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 31 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-PENK Antibody

For Research Use Only. Not for use in diagnostic procedures.