

Cav3.2 Cell Line Data Sheet

Channel	CaV3.2, T-type
Catalog Ref.	ICE-CHO-Cav3.2
Gene	CACNA1H
Sources	human
Expression system	HEK293
Method	whole cell patch clamp
Standard time	2 weeks (<10cpds)
Reference compound	Nifedipine, verapamil, NiCl
Target	Convulsion

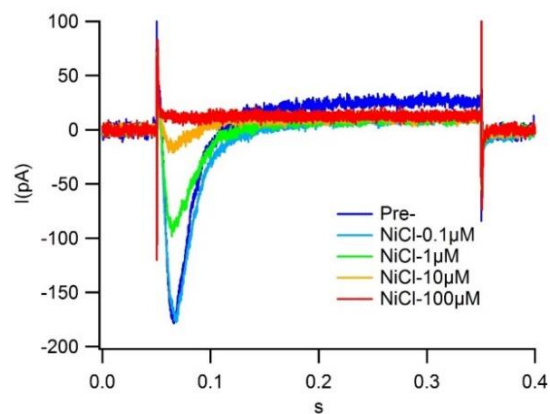


Figure 1. Representative traces of Cav3.2 currents, in the absence or presence of NiCl at different concentrations

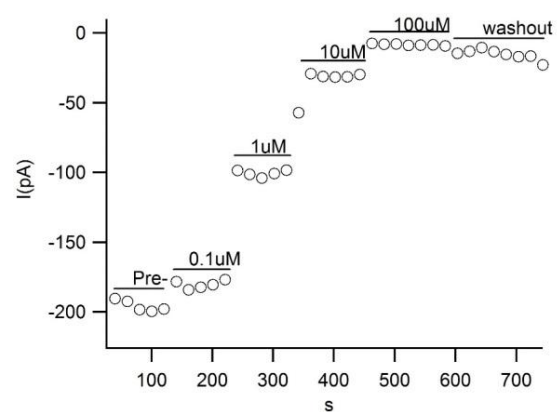


Figure 2. Time course of inhibition on Cav3.2 currents by NiCl

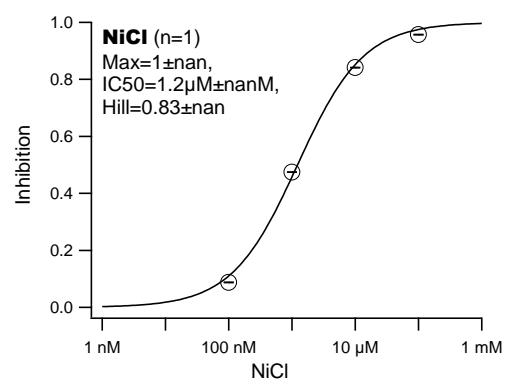


Figure 3. Concentration-dependent effects of NiCl on $I_{Cav3.2}$

Further validation data available on request.