

Nav1.2 Cell Line Data Sheet

Channel	NaV1.2
Gene	SCN2A
Catalog Ref.	ICE-HEK-Nav1.2
Sources	human
Expression system	HEK293
Method	whole cell patch clamp
Standard time	2 weeks (<10cpds)
Reference inhibitor	TTX (11.7±0.783nM)
Target	Pain, Seizure, Epilepsy, Anxiety, Depression Related, Degenerative Diseases

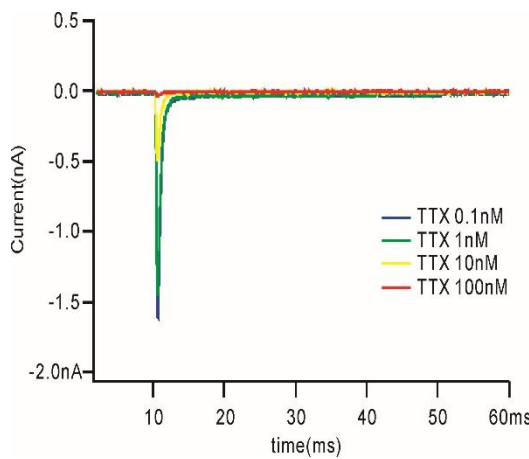


Figure 1. Representative traces of Nav1.1 currents, in the absence or presence of TTX different concentrations

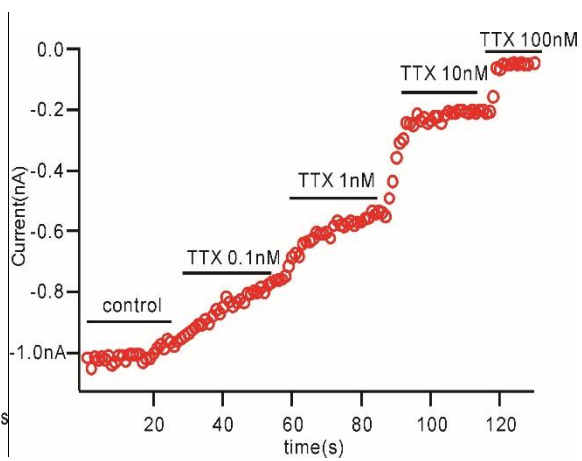


Figure 2. Time course of Nav1.1 inhibition by TTX at different concentrations

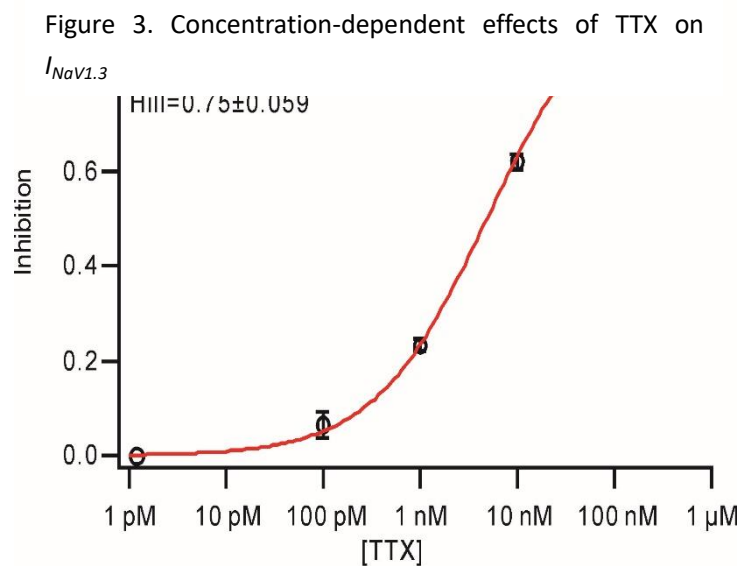


Figure 3. Concentration-dependent effects of TTX on $I_{NaV1.3}$

Further validation data available on request.