

Nav1.3 Cell Line Data Sheet

| | |
|---------------------|---|
| Channel | Nav1.3 |
| Gene | SCN3A |
| Catalog Ref. | ICE-HEK-Nav1.3 |
| Sources | human |
| Expression system | HEK293 |
| Method | whole cell patch clamp |
| Standard time | 2 weeks (<10cpds) |
| Reference inhibitor | TTX (5.0±0.54nM) |
| Target | Pain, Epilepsy, Anxiety, Depression Related |

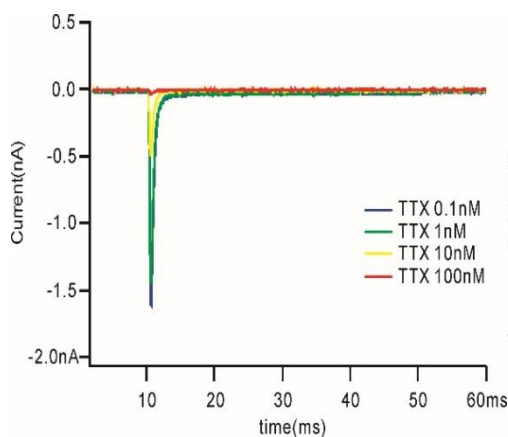


Figure 1. Representative traces of Nav1.3 currents, in the absence or presence of TTX at different concentrations

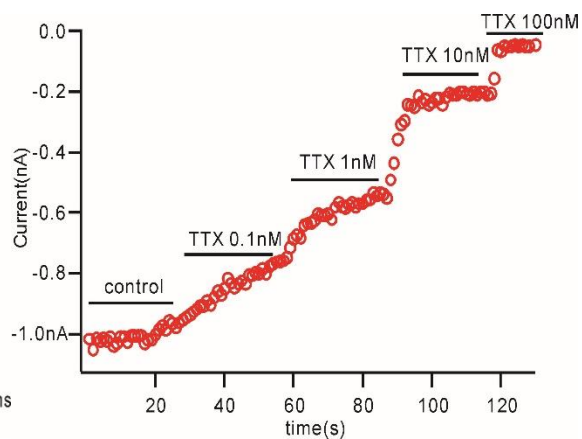


Figure 2. Time course of Nav1.3 inhibition by TTX at different concentrations

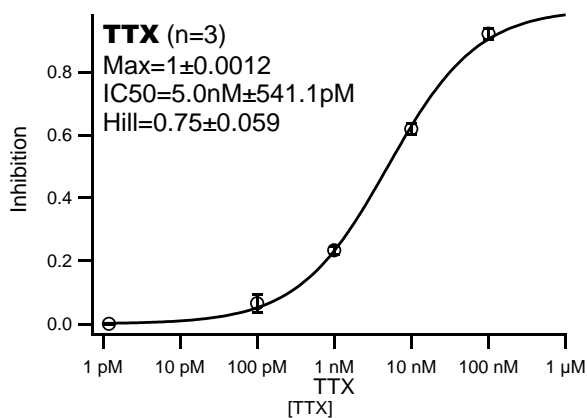


Figure 3. Concentration-dependent effects of TTX on $I_{Nav1.3}$

Further validation data available on request.