

B	I	N	G	O
Troponin	ATP	Electrical Synapse	Sarcomere	Motor neuron and all muscle fibers it stimulates
Crossbridge attachments	Tropomyosin	Neuromuscular Junction	Acetylcholine	Thermogenesis
Voltage gated Ca ion channels	Binds to Troponin	FREE	Myosin	Increased overlapping of contractile filaments
Contractility	Ionic disturbances interfering with calcium release	Sarcoplasmic reticulum	Mitochondria	Release of calcium from Terminal Cisternae
T-tubules	Extensibility	Energize the Myosin heads	Myoglobin	Calcium

B	I	N	G	O
Myosin	Motor neuron and all muscle fibers it stimulates	Binds to Troponin	Thermogenesis	Calcium
Sarcoplasmic reticulum	Increased overlapping of contractile filaments	Ionic disturbances interfering with calcium release	Tropomyosin	Acetylcholine
Voltage gated Ca ion channels	Sarcomere	FREE	Myoglobin	Crossbridge attachments
Electrical Synapse	Neuromuscular Junction	T-tubules	Contractility	Release of calcium from Terminal Cisternae
ATP	Troponin	oxygen debt/recovery period	Elasticity	Energize the Myosin heads

B	I	N	G	O
Myosin	Crossbridge attachments	Release of calcium from Terminal Cisternae	Elasticity	Acetylcholine
ATP	oxygen debt/recovery period	Electrical Synapse	Voltage gated Ca ion channels	Contractility
Tropomyosin	T-tubules	FREE	Mitochondria	Sarcomere
Calcium	Myoglobin	Ionic disturbances interfering with calcium release	Increased overlapping of contractile filaments	Binds to Troponin
Thermogenesis	Motor neuron and all muscle fibers it stimulates	Energize the Myosin heads	Neuromuscular Junction	Troponin