Catecholamines and Serotonin
Across
4. catecholamine-producing tumor derived from chromaffin cells outside of the adrenal gland
8. helps regulate sympathetic nervous system and overall state of attention and vigilance
9. tumor often arising in neuroendocrine system of the GI tract
10. dopamine, epinephrine/norepinephrine, and serotonin
12. regulates cardiac output, regulates temperature, and increases energy availability
13. urine samples can be affected by
16. modulator of vascular functions

Down
1. cells that produce and secrete catecholamines
2. critical in body's response to stress
3. derived from the neural crest cells of sympathetic nervous system
5. influences reward-seeking behavior
6. catecholamine-producing tumor derived from chromaffin cells of the adrenal gland
7. neuroblastomas almost exclusively affect which patients
11. homovanillic acid
14. vanillylmandelic
15. plasma samples should be stored