

List of abbreviations

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|------|---------------------------------|------|------------------------------------|
| ACTH | Adrenocorticotropic hormone | LHA | Lateral hypothalamic area |
| BF | Basal forebrain | PB | Parabrachial nucleus |
| CRH | Corticotropin-releasing hormone | PPN | Pedunculopontine nucleus |
| CNS | Central Nervous System | REM | Rapid eye movement |
| DRN | Dorsal Raphe nucleus | TMN | Tuberomamillary nucleus |
| EEG | electroencephalography | VPAG | Ventral periaqueductal grey matter |
| LC | Locus coeruleus | VTA | Ventral tegmental area |
| LDT | Laterodorsal tegmental nucleus | | |