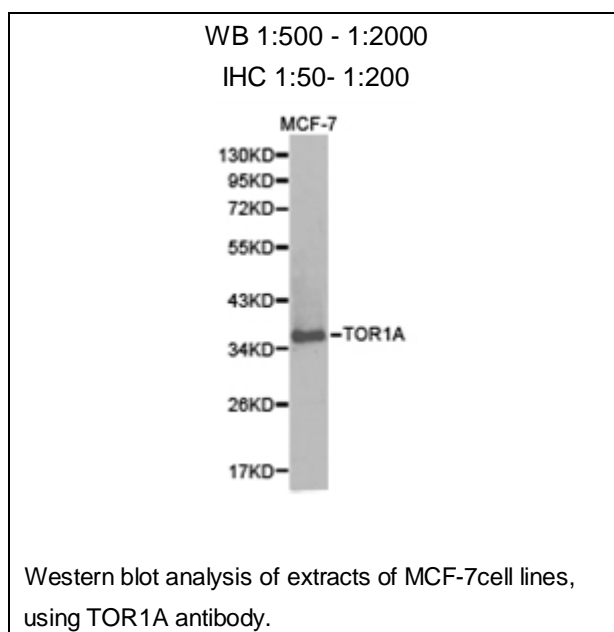




TOR1A Polyclonal Antibody

E92066

- Catalog Number:** E92066
Amount: 100ul
Background: The neurological condition Dystonia is associated with sustained muscle contractions and abnormal posturing (1). TorsinA, torsinB, torp2A and torp3A belong to the family of ATPases associated with cellular activities (AAA+) and mutations in torsinA cause early onset dystonia (2). TorsinA has been shown to suppress intracellular protein aggregation in *C. elegans* and possesses chaperon activity. Interestingly, torsinA is highly expressed in dopaminergic neurons and associates with alpha-synuclein in Lewy bodies, which pathologically characterize Parkinson's Disease (3-5).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: DQ2; DYT1; TorsinA;
Immunogen: Recombinant protein of human TOR1A
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 38kDa
Swiss-Prot No. : O14656
Gene ID: 1861
References: 1. Fahn, S. (1988) Adv. Neurol. 50, 1-8. 2. Ozelius, L.J. et al. (1997) Nat. Genet. 17, 40-8. 3. Caldwell, G.A. et al. (2003) Hum. Mol. Genet. 12, 307-19. 4. McLean, P.J. et al. (2002) J. Neurochem. 83, 846-54. 5. O'Farrell, C. et al. (2004) Brain Res. Mol. Brain Res. 127, 1-9.



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