

	RASD2 Polyclonal Antibody	E 9 1 7 3 6 7
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Swiss-Prot No.:	Q96D21
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	Recombinant protein of human RASD2.
Purification:	Affinity purification
Reactivity:	Human
Other Names:	—
Background:	This gene belongs to the Ras superfamily of small GTPases and is enriched in the striatum. The encoded protein functions as an E3 ligase for attachment of small ubiquitin-like modifier (SUMO). This protein also binds to mutant huntingtin (mHtt), the protein mutated in Huntington disease (HD). Sumoylation of mHTT by this protein may cause degeneration of the striatum. The protein functions as an activator of mechanistic target of rapamycin 1 (mTOR1), which in turn plays a role in myelination, axon growth and regeneration. Reduced levels of mRNA expressed by this gene were found in HD patients.
Gene ID:	23551
Source:	Rabbit
Antibody type:	Polyclonal Antibodies
Isotype:	IgG

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Molecular Weight:	30kDa
Recommended Dilutions:	WB 1:500 - 1:2000