

## Product datasheet for **TA351419**

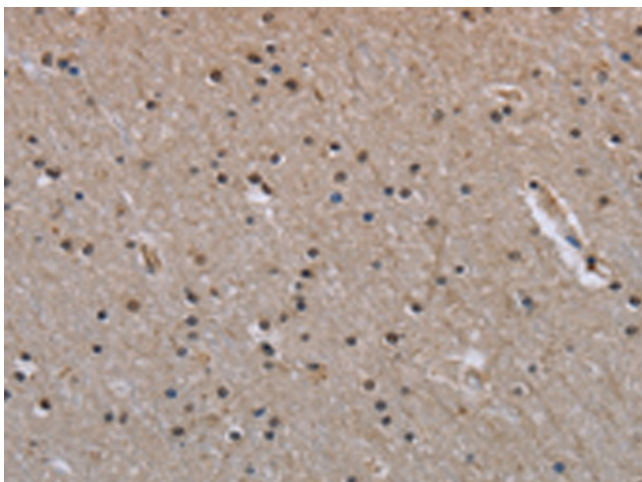
### MVD Rabbit Polyclonal Antibody

#### Product data:

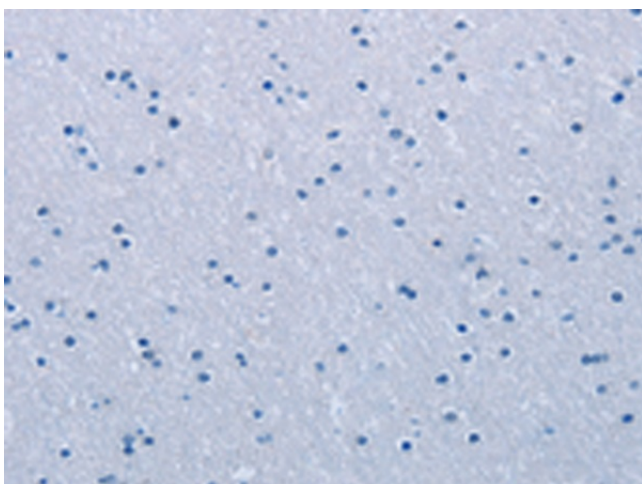
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human MVD
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	mevalonate diphosphate decarboxylase
Database Link:	<a href="#">NP_002452</a> <a href="#">Entrez Gene 192156 Mouse</a> <a href="#">Entrez Gene 4597 Human</a> <a href="#">P53602</a>
Background:	The enzyme mevalonate pyrophosphate decarboxylase catalyzes the conversion of mevalonate pyrophosphate into isopentenyl pyrophosphate in one of the early steps in cholesterol biosynthesis. It decarboxylates and dehydrates its substrate while hydrolyzing ATP.
Synonyms:	FP17780; MDDase; MPD
Protein Pathways:	Metabolic pathways, Terpenoid backbone biosynthesis



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**Product images:**

Immunohistochemistry of paraffin-embedded Human brain tissue using TA351419 (MVD Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351419 (MVD Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)