

Product datasheet for **TA386808M**

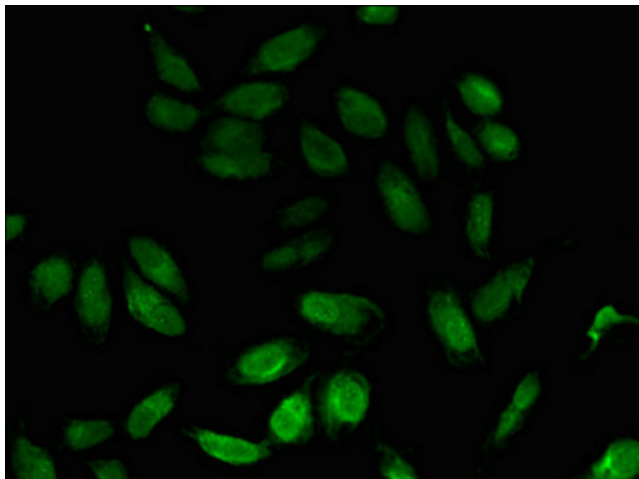
NPL Rabbit Polyclonal Antibody

Product data:

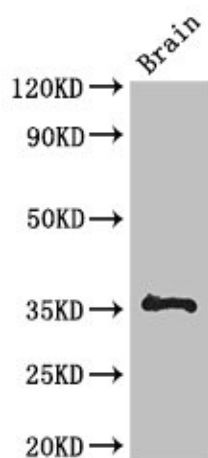
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|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IF, WB |
| Recommended Dilution: | Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200 |
| Reactivity: | Mouse, Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant Human N-acetylneuraminate lyase protein (17-77AA) |
| Formulation: | Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 |
| Concentration: | lot specific |
| Purification: | >95%, Protein G purified |
| Conjugation: | Unconjugated |
| Storage: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Stability: | 1 year from dispatch. |
| Database Link: | Q9BXD5 |
| Background: | Catalyzes the cleavage of N-acetylneuraminic acid (sialic acid) to form pyruvate and N-acetylmannosamine via a Schiff base intermediate. It prevents sialic acids from being recycled and returning to the cell surface. Involved in the N-glycolylneuraminic acid (Neu5Gc) degradation pathway. Although human is not able to catalyze formation of Neu5Gc due to the inactive CMAHP enzyme, Neu5Gc is present in food and must be degraded (By similarity). |


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Product images:



Immunofluorescent analysis of HeLa cells using [TA386808] at dilution of 1: 100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blot
Positive WB detected in: Mouse brain tissue
All lanes: NPL antibody at 3µg/ml
Secondary
Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 36, 34, 32, 27, 13 kDa
Observed band size: 36 kDa