

Product datasheet for **BP4008**

ITM2B Chicken Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Suitable for Immunohistochemistry on frozen sections. Suggested positive control: pathological brain sections. (Not recommended in Western blots).
Reactivity:	Human
Host:	Chicken
Clonality:	Polyclonal
Immunogen:	Peptide coupled to carrier protein.
Specificity:	The antibody recognizes the typical amyloid deposits in brains of patients suffering from the disease. This antibody has been developed against the carboxy terminal extracellular sequence of the mutated BRI protein.
Formulation:	PBS, pH 7.2, containing 0.09% sodium azide as preservative. State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	1.0 mg /ml
Purification:	Affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Do not freeze working dilutions Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	integral membrane protein 2B
Database Link:	Entrez Gene 9445 Human Q9Y287



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Background: The mutated BRI protein (ITM2B) was identified in patients with familial British dementia. The unusual 277 residue precursor protein releases a 34-residue amyloidogenic peptide by the action of the protease furin, leading to the deposition of a protein fragment that seems to be involved in the pathogenesis of familial British dementia.

Synonyms: ITM2B, BRI, BRI2, Integral membrane protein 2B, Transmembrane protein BRI