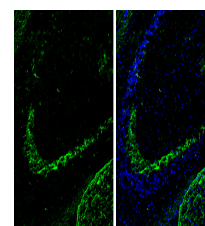


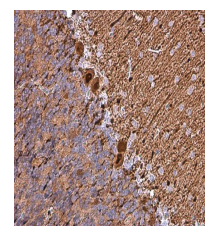
Product Datasheet

Calbindin antibody GRP161

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|----------------------------|--|
| Description | Calbindin is a calcium-binding protein belonging to the troponin C superfamily. It was originally described as a 27-kD protein induced by vitamin D in the duodenum of the chick. In the brain, its synthesis is independent of vitamin-D-derived hormones. Calbindin contains 4 active calcium-binding domains, and 2 modified domains that presumably have lost their calcium-binding capacity. The neurons in brains of patients with Huntington disease are calbindin-depleted. [provided by RefSeq] |
| Species/Host | Rabbit |
| Reactivity | Human, Mouse, Rat |
| Conjugation | Unconjugated |
| Tested Applications | ICC, IF, IHC-Fr, IHC-P, WB |
| Immunogen | Recombinant protein encompassing a sequence within the center region of Human Calbindin. The exact sequence is proprietary. |
| Form/Appearance | Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative. |
| Concentration | 0.39 mg/ml |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Note | For research use only. |
| Isotype | IgG |
| Clonality | Polyclonal |
| Purity | Purified by antigen-affinity chromatography. |
| Uniprot ID | P05937 |
| Entrez | 793 |
| Dilution Range | WB: 1:500-1:3000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000, IHC-Fr: 1:100-1:1000 |



Calbindin antibody detects Calbindin protein expression by immunohistochemical analysis. Sample: Frozen-sectioned adult mouse hippocampus. Green: Calbindin protein stained by Calbindin antibody (GRP613) diluted at 1:250. Blue: Fluoroshield with DAPI.



Calbindin antibody detects Calbindin protein at cytoplasm in rat brain by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. Calbindin antibody (GRP613) diluted at 1:1000.