

Product Datasheet

FLVCR Antibody NB100-1481

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1481

FLVCR Antibody

| Product Information | |
|-------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |
| Target Molecular Weight | 60 kDa |

| Product Description | |
|---------------------|---|
| Host | Goat |
| Gene ID | 28982 |
| Gene Symbol | FLVCR1 |
| Species | Human |
| Immunogen | Peptide with sequence C-KTVMLSKQSESAI corresponding to C-Terminus according to NP_054772.1. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Peptide ELISA |
| Recommended Dilutions | Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:128000 |
| Application Notes | WB: Approx. 55 kDa band observed in human bone marrow lysates (calculated MW of 59.9 kDa band according to NP_054772.1). An additional band of unknown identity was also consistently observed at 26 kDa. This band was successfully blocked by incubation with the immunizing peptide. An anonymous customer has reported successful usage on cell line K562. |

Images

Western Blot: FLVCR Antibody [NB100-1481] - (0.1ug/ml) staining of Human Bone Marrow lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Quigley JG, Yang Z, Worthington MT et al. Identification of a human heme exporter that is essential for erythropoiesis. *Cell* 2004-09-17 [PMID: 15369674]

Chiabrando D, Marro S, Mercurio S et al. The mitochondrial heme exporter FLVCR1b mediates erythroid differentiation. *J Clin Invest* 2012-12-01 [PMID: 23187127] (WB, Human)





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Products Related to NB100-1481

| | |
|--------------------|--|
| HAF017 | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109 | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control |
| H00028982-Q01-10ug | Recombinant Human FLVCR GST (N-Term) Protein |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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