

Product Datasheet

Beta-Parvin Antibody (orb1824005)

Description	Beta-parvin, also known as affixin, is a focal adhesion protein belonging to a family of ILKbinding proteins that contain tandem calponin homolog domains. Along with Alpha-parvin, Beta-parvin is one of the most widely researched and characterized members of this family. These two proteins interact with the ILK kinase domain in a way that is mutually exclusive and regulates both the activity of the kinase and actin cytoskeleton adhesion. Studies have shown Beta-parvin to be downregulated within human breast cancer cells, and that its expression may influence the progression of breast cancer (Johnstone, 2008). Additional research indicates a critical role for Beta-parvin in the regulation of cardiac contractility when it is in complex with ILK (Hannigan, 2007).
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IHC-P
Immunogen	The N-terminal region (residues 1-91) of the human protein was used as the immunogen for the Beta-Parvin antibody.
Storage	Aliquot the Beta-Parvin antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.
Note	For research use only
Formula	1 mg/ml in 1X PBS; BSA free, sodium azide free
Isotype	Rabbit IgG, kappa
Clonality	Recombinant
Clone Number	PARVB/8214R
Antibody Type	Primary Antibody

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Uniprot ID**Q9HBI1****Hazard Information**

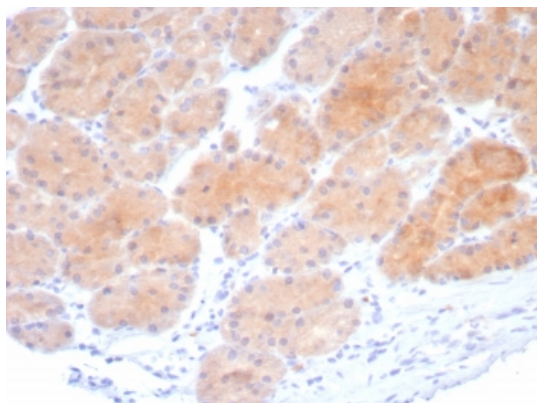
This Beta-Parvin antibody is available for research use only.

Dilution Range

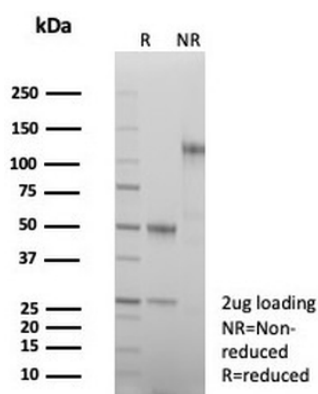
Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT

Expiration Date

12 months from date of receipt.



IHC staining of FFPE human stomach tissue with Beta-Parvin antibody (clone PARVB/8214R). HIER: boil tissue sections in pH9 10 mM Tris with 1 mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Parvin antibody (clone PARVB/8214R) as confirmation of integrity and purity.

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