

## anti- S100B antibody

### Product Information

Catalog No.:	FNab07566
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Weakly binds calcium but binds zinc very tightly-distinct binding sites with different affinities exist for both ions on each monomer. Physiological concentrations of potassium ion antagonize the binding of both divalent cations, especially affecting high-affinity calcium-binding sites. Binds to and initiates the activation of STK38 by releasing autoinhibitory intramolecular interactions within the kinase. Interaction with AGER after myocardial infarction may play a role in myocyte apoptosis by activating ERK1/2 and p53/TP53 signaling. Could assist ATAD3A cytoplasmic processing, preventing aggregation and favoring mitochondrial localization. May mediate calcium-dependent regulation on many physiological processes by interacting with other proteins, such as TPR-containing proteins, and modulating their activity.

### Immunogen information

Immunogen:	S100 calcium binding protein B
Synonyms:	NEF, Protein S100 B, S 100 protein beta chain, S 100 protein subunit beta, S100, S100 calcium binding protein B, S100B, S100beta
Observed MW:	11KD
Uniprot ID :	P04271

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[www.fn-test.com](http://www.fn-test.com)

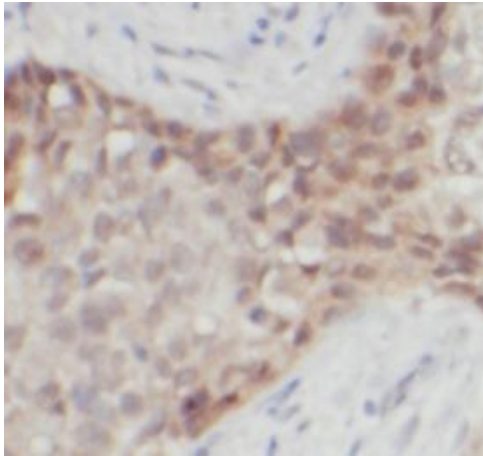
## Application

Reactivity: Human, Mouse, Rat

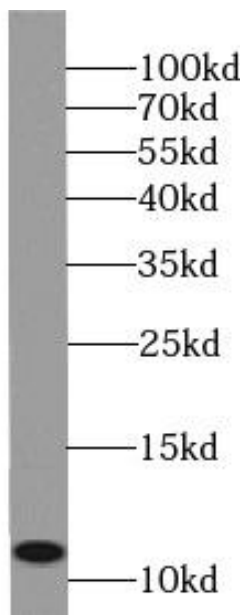
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:200-1:1000; IHC: 1:50-1:500; IF: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human breast cancer slide using FNab07566(S100 Antibody) at dilution of 1:200



A375 cells were subjected to SDS PAGE followed by western blot with FNab07566(S100B antibody) at dilution of 1:400

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