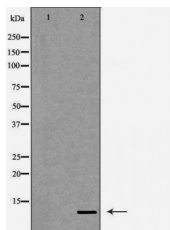


DBI Ab

[Images\(1\)](#)

| | | |
|---------------|-----------------|-----------------------|
| Cat.#: DF7307 | Concn.: ~1mg/ml | Mol.Wt.: 10kDa |
| Size: | Source: Rabbit | Clonality: Polyclonal |

| | |
|---------------|---|
| Application: | WB 1:500-1:2000, IHC 1:50-1:200 *The optimal dilutions should be determined by the end user. |
| Reactivity: | Human, Mouse, Rat |
| Storage: | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt. |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |
| Immunogen: | A synthesized peptide derived from human DBI, corresponding to a region within the internal amino acids. |
| Uniprot: | P07108 |
| Description: | This gene encodes diazepam binding inhibitor, a protein that is regulated by hormones and is involved in lipid metabolism and the displacement of beta-carbolines and benzodiazepines, which modulate signal transduction at type A gamma-aminobutyric acid receptors located in brain synapses. The protein is conserved from yeast to mammals, with the most highly conserved domain consisting of seven contiguous residues that constitute the hydrophobic binding site for medium- and long-chain acyl-Coenzyme A esters. Diazepam binding inhibitor is also known to mediate the feedback regulation of pancreatic secretion and the postprandial release of cholecystokinin, in addition to its role as a mediator in corticotropin-dependent adrenal steroidogenesis. |



Western blot analysis of extracts from hela cells, using DBI Ab. The lane on the left was treated with the antigen-specific peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

procedures. Not for resale without express authorization.