

Granzyme B/H Ab

[References\(7\)](#) [Images\(10\)](#)

Cat.#: AF0175	Concn.: ~1mg/ml	Mol.Wt.: 28-40kDa(Glycosylation?)
Size:	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:3000, IHC 1:50-1:200, IF/ICC 1:100-1:500
*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

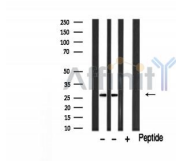
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human Granzyme B/H, corresponding to a region within N-terminal amino acids.

Uniprot: P10144/P20718

Description: GZMB This enzyme is necessary for target cell lysis in cell- mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis. Belongs to the peptidase S1 family. Granzyme subfamily. Induced by staphylococcal enterotoxin A (SEA) in peripheral blood leukocytes.

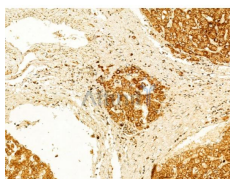


Western blot analysis of extracts from various samples, using Granzyme B Ab.

Lane 1: Mouse brain lysates;

Lane 2: Rat brain lysates;

Lane 3: Rat brain lysates treated with blocking peptide;



AF0175 at 1/100 staining Human normal tissues adjacent to liver cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

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.

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