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Datasheet for ABIN1700838  
**anti-HMG20B antibody (AA 1-100) (Biotin)**

### Overview

Quantity:	100 µL
Target:	HMG20B
Binding Specificity:	AA 1-100
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMG20B antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BRAF35
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow
Purification:	Purified by Protein A.

### Target Details

Target:	HMG20B
Alternative Name:	BRAF35 ( <a href="#">HMG20B Products</a> )

## Target Details

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**Background:** Synonyms: BRAF25, BRAF35, BRCA 2 Associated Factor 35 kDa, BRCA2 associated factor 35, BRCA2-associated factor 35, High Mobility Group Protein 20B, HM20B\_HUMAN, HMG 20B, HMG box containing protein 20B, HMG box-containing protein 20B, HMG domain-containing protein 2, HMG domain-containing protein HMGX2, hmg20b, HMGX2, PP7706, pp8857, SMARCE1 related protein, SMARCE1-related protein, SMARCE1r, sox like, Sox like transcriptional factor, Sox-like transcriptional factor, SOXL, Structural DNA binding protein BRAF35, Structural DNA-binding protein BRAF35, SWI/SNF related, SWI/SNF related matrix associated actin dependent regulator of chromatin subfamily E member 1 related, SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related.

**Background:** The breast cancer susceptibility gene (BRCA1) localizes to chromosome 17q. Mutations within this gene account for approximately 45 % of families with high incidence of breast cancer and at least 80 % of families with increased incidence of both early-onset breast cancer and ovarian cancer. A second breast cancer susceptibility gene, BRCA2, located on chromosome 13q12-13, also confers a high incidence of breast cancer, but unlike BRCA1, BRCA2 does not confer a substantially elevated risk of ovarian cancer. The BRCA2-Associated Factor 35 (BRAF35) protein forms a complex with BRCA2, which associates with condensed chromatin during histone H3 phosphorylation. BRAF35 expression levels are highest in proliferating tissues and parallel BRCA2 expression patterns. The structure of BRAF35 includes a kinesin-like coiled coil domain and a nonspecific DNA binding HMG domain. The chromatin localization of BRAF35 and antibody microinjection studies indicate a role for the BRAF35/BRCA2 complex in cell cycle regulation.

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**Gene ID:** 10362

## Application Details

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**Application Notes:** WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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## Handling

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Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months