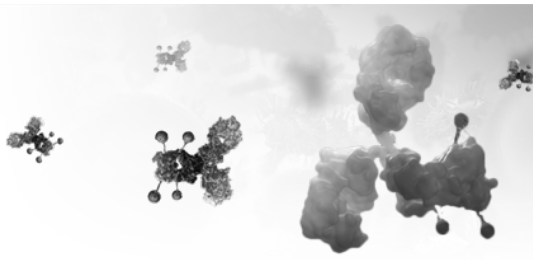

Anti-PMAIP1 (N-terminal) polyclonal antibody (CPBT-66211RN)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product recognises murine Noxa, an 11kDa member of the BH3-only proapoptotic protein family. Noxa is localised to the mitochondria and is a transcriptional target of p73, p53 and BH3-only proteins. It is thought to induce apoptosis when activated, lowering the activity of anti-apoptotic Bcl-2-like proteins. It can be upregulated by mitogenic activation, independently of p53. In humans, along with Mcl-1 it is thought to form a selective pathway that restrains lymphocyte proliferation. Western Blotting detects a band of approximately 11kDa in human stomach cell lysates.
Specificity	PMAIP1
Immunogen	Synthetic peptide corresponding to N-terminus of mouse NOXA.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human, Rat
Conjugate	Unconjugated
Applications	IHC-P; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.02% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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GENE INFORMATION

Gene Name	Pmaip1 phorbol-12-myristate-13-acetate-induced protein 1 [Mus musculus (house mouse)]
Official Symbol	PMAIP1
Synonyms	PMAIP1; phorbol-12-myristate-13-acetate-induced protein 1; Noxa; protein Noxa;
Entrez Gene ID	58801
Protein Refseq	NP_067426
UniProt ID	Q9JM54
Chromosome Location	18 E1; 18
Pathway	Activation of BH3-only proteins; Activation of NOXA and translocation to mitochondria; Apoptosis; BH3-only proteins associate with and inactivate anti-apoptotic BCL-2 members; Intrinsic Pathway for Apoptosis; Programmed Cell Death; Viral carcinogenesis; miRNA regulation of DNA Damage Response;
Function	protein binding;

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