

# EPPI rabbit pAb

Cat No.:ES16707

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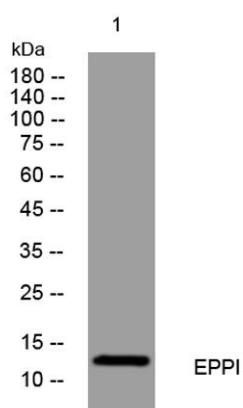
## Overview

|                          |  |
|--------------------------|--|
| Product Name             | EPPI rabbit pAb  |
| Host species             | Rabbit   |
| Applications             | WB   |
| Species Cross-Reactivity | Human; Mouse;Rat   |
| Recommended dilutions    | WB 1: 500-2000   |
| Immunogen                | Synthesized peptide derived from human EPPI AA range: 55-105   |
| Specificity              | This antibody detects endogenous levels of EPPI at Human/Mouse/Rat   |
| Formulation              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| Storage                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| Protein Name             | EPPI   |
| Gene Name                | EPPIN SPINLW1 WAP7 WFDC7   |
| Cellular localization    | [Isoform 1]: Secreted. Cell surface. Bound to the surface of testicular and on the head and tail of ejaculate spermatozoa.   |
| Purification             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| Clonality                | Polyclonal   |
| Concentration            | 1 mg/ml  |
| Observed band            |  |
| Human Gene ID            | 100526773  |
| Human Swiss-Prot Number  | O95925   |
| Alternative Names        |  |
| Background               | This gene encodes an epididymal protease inhibitor, which contains both kunitz-type and WAP-type four-disulfide core (WFDC) protease inhibitor consensus sequences. Most WFDC genes are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene is a member of the WFDC gene family and belongs to the |





telomeric cluster. The protein can inhibit human sperm motility and exhibits antimicrobial activity against *E. coli*, and polymorphisms in this gene are associated with male infertility. Read-through transcription also exists between this gene and the downstream WFDC6 (WAP four-disulfide core domain 6) gene. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2014],



Western blot analysis of lysates from MDA-MB cells, primary antibody was diluted at 1:1000, 4° over night

